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CANADA

DEPARTMENT OF TRADE AND COMMERCE

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TRANSPORTATION BRANCH

PRELIMINARY REPORT

on

STATISTICS OF ELECTRIC RAILWAYS

in

CANADA

1931

—

Published by Authority of the Hon. H. H. Stevens, M.P.,

Minister of Trade and Commerce

OTTAWA

1932

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DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

Dominion Statistician, R.H. Coats, B.A., F.S.S., (Hon.), F.R.S.C.
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

PRELIMINARY REPORT

ELECTRIC RAILWAYS OF CANADA

For Year ended December 31

1931

Passenger traffic of electric railway systems in Canada showed further decreases in 1931, the total number of passengers carried being 720,468,361 as against 792,701,493 in 1930. This was a decrease of 72,233,132 passengers, or 9.1 per cent whereas the decrease in 1930 compared with 1929 was 40,795,373 passengers, or 4.9 per cent. None of the railways showed an increase and decreases for the larger systems ranged from 4.2 per cent for the British Columbia Electric to 18.5 for the Calgary Municipal system. With two exceptions the western railways showed larger decreases than the eastern systems. The Montreal Tramways carried almost one-third of all the traffic and the Toronto system carried a little more than one-quarter of the total.

Three railways ceased operations during the year, viz: Toronto Suburban on August 15, Hamilton, Grimsby and Beamsville on June 30, and Sarnia Street railway on February 25. Also the Hamilton Radial, which had been doing a small freight switching business, leased its line to the Canadian National and Toronto, Hamilton and Buffalo railways. These four systems accounted for a decrease of 83.29 miles of single track and with reductions in operating lines the total decrease as at December 31 was 115.73 miles. Increases of 15.99 miles including the North Yonge railways with 10.34 miles made the net decrease 99.74 miles of single track. The North Yonge railways was previously the Toronto Radial railway, from Toronto to Richmond Hill, which ceased operation on March 15, 1930. This line was rehabilitated by the local municipalities and operated for them by the Toronto Transportation Commission. During 1930 a company was formed by the municipalities served by the Sandwich, Windsor and Amherstburg railway and on July 1, 1931 this company took over the management of the railway but retained the Ontario Hydro-Electric Power Commission as operator of the railway. The report, however, is for the full year's operation. The Cape Breton railway went into receivership on March 23, 1931, was sold to the Eastern Light and Power Company on June 15, was sold again to the Cape Breton Tramways Limited on November 23 and under this last management operated from Sydney to Glace bay, the P&E line of 3.74 miles and the Avenue line of 1.94 having been abandoned in October and September.

Considering this railway under four operators as one system reports were received from 52 systems. Of these 20 failed to earn operating expenses and after paying interest, taxes, etc, but before providing for reserves and dividends, 27 showed deficits. The incomes of the other 25 systems more than overcame these losses so that the net income of all systems amounted to \$7,471,201 as against \$10,007,077 in 1930. Seven railways declared dividends out of the 33 company systems, the total being \$2,979,670 as against \$3,402,261 in 1930. Gross revenues amounted to \$49,088,310 which was a decrease from 1930 revenues of \$5,630,949, or 10.3 per cent, whereas operating expenses of \$35,367,067 were reduced by \$3,758,448, or 9.6 per cent. Taxes amounting to \$2,392,429 were heavier than in 1930 by \$158,429 and also were heavier than for any year since 1921. Interest charges, however, were less, decreasing from \$8,821,563 in 1930 to \$8,755,456. The total number of employees for all electric railways amounted to 17,158 and the payroll to \$24,647,391 as compared with 18,340 employees paid \$26,954,994 in 1930. The largest reduction was in maintenance employees where the cut was 810 employees and \$1,442,684. There was a reduction of 299 conductors, motormen and operators of one-man cars and buses, or 3.2 per cent and a cut in their payroll of \$836,973, or 6.0 per cent whereas the decrease in car and bus miles was 3.7 per cent.

During the year 65 persons were killed in accidents involving electric railway cars or buses and in car barns, etc. These included only 1 passenger, 33 pedestrians, 25 motorists, 1 person riding in other vehicle, no conductors or motormen, 3 other employees and 2 other persons. Collisions accounted for 58 of these fatalities, one person was electrocuted and 6 were killed from other causes. The total number of persons injured amounted to 4,147, including 2,245 passengers, 406 pedestrians, 269 motorists, 11 persons riding in other vehicles, 109 conductors and motormen, 11 motor bus drivers and conductors, 38 employees and 408 other persons. Nine railways had a clean record with no one killed or injured. Thirty-two railways reported no person killed and two railways each reported one person killed and no persons injured. The statistics do not attempt to establish the party responsible for the accident and as is generally known many accidents to pedestrians and motorists are due to the carelessness of these persons.

The data for the Montreal Tramways, which operates on a cost-of-service agreement with the city of Montreal, have been adjusted in this report to make the accounts comparable with those of other railways.

The final report is being printed and may be had upon application to the Dominion Bureau of Statistics.

MILEAGE OPERATED

	<u>First Main Track</u>	<u>Second Main Track</u>	<u>Total Main Track</u>
1922	1,725	513	2,238
1923	1,736	511	2,247
1924	1,737	525	2,262
1925	1,738	543	2,280
1926	1,684	553	2,237
1927	1,652	563	2,215
1928	1,653	566	2,219
1929	1,637	565	2,202
1930	1,509	571	2,080
1931	1,409	573	1,982

CAPITAL

	<u>Stocks</u>	<u>Bonds, etc.</u>	<u>Total</u>
1922	\$76,949,185	\$111,309,789	\$188,258,974
1923	76,674,185	122,395,685	199,069,870
1924	76,482,085	137,285,575	213,767,660
1925	58,567,242	163,201,978	221,769,220
1926	57,779,518	158,029,002	215,808,520
1927	58,873,778	163,678,939	222,552,717
1928	50,653,072	170,649,165	221,302,237
1929	54,453,321	167,969,494	222,422,815
1930	53,048,929	171,040,610	224,089,539
1931	45,455,649	171,322,446	216,778,095

	<u>Gross Revenues</u>	<u>Operating Expenses</u>	<u>Net Operating Revenue</u>
1922	\$49,660,485	\$35,986,872	\$13,673,613
1923	50,191,387	36,171,923	14,019,464
1924	49,439,559	36,125,213	13,314,346
1925	49,626,231	35,426,487	14,199,744
1926	51,723,199	36,453,709	15,269,490
1927	53,506,401	37,616,568	15,889,833
1928	55,632,761	38,782,719	16,850,042
1929	58,268,980	40,085,140	18,183,840
1930	54,719,259	39,125,515	15,593,744
1931	49,088,310	35,367,067	13,721,243

	<u>Passengers Carried Number</u>	<u>Freight Carried Tons</u>	<u>Passenger Car Miles</u>
1922	738,908,949	2,445,425	113,403,912
1923	737,282,038	3,145,863	115,768,713
1924	726,497,729	2,546,928	116,438,733
1925	725,491,101	2,706,312	115,715,733
1926	748,710,836	3,493,457	118,566,321
1927	781,398,194	3,269,028	127,062,864
1928	808,023,615	3,892,114	128,888,905
1929	833,496,866	3,662,765	134,666,564
1930	792,701,493	2,873,528	136,240,958
1931	720,468,361	1,977,441	131,160,251

	<u>Employees No.</u>	<u>Salaries and Wages</u>
1922	18,099	\$24,988,118
1923	17,779	25,039,286
1924	17,379	24,964,440
1925	16,933	24,543,855
1926	16,961	24,686,549
1927	18,090	25,891,020
1928	18,697	26,494,062
1929	18,801	26,984,061
1930	18,340	26,954,994
1931	17,158	24,647,391

No.	Name of Railway	: Total	: Total	: Net
		: Gross	: Operating	: Operating
		: Revenues	: Expenses	: Revenues
		\$	\$	\$
1.	Brandon Municipal	19,910	31,235	Dr. 11,325
2.	Brantford and Hamilton	29,062	32,944	Dr. 3,882
3.	Brantford Municipal	120,574	112,504	8,070
4.	British Columbia	5,313,866	4,371,210	942,656
5.	Calgary	771,713	559,300	212,413
6.	Canadian National Electric Railways-			
	Toronto Suburban District	70,861	109,192	Dr. 38,331
7.	Cape Breton Electric	42,206	42,363	Dr. 157
8.	Receiver of Cape Breton Electric	42,991	35,442	7,549
9.	Cape Breton Tramways Ltd.	9,729	9,074	655
10.	Cornwall	99,768	58,763	41,005
11.	Eastern Light and Power	46,885	49,622	Dr. 2,737
12.	Edmonton Radial	731,332	522,155	209,177
13.	Fort William Street	146,836	139,887	6,949
14.	Grand River	271,765	237,952	33,813
15.	Hamilton, Grimsby and Beamsville	29,858	45,923	Dr. 16,065
16.	Hamilton Radial	8,176	3,646	4,530
17.	Hamilton Street	1,321,411	990,939	330,472
18.	Hull Electric	258,749	218,868	39,881
19.	Hydro-Electric Railways - Guelph District	75,608	78,140	Dr. 2,532
20.	International Transit Co.	50,981	42,567	8,414
21.	Kitchener	111,356	80,531	30,825
22.	Lake Erie and Northern	222,746	222,749	Dr. 3
23.	Lethbridge	42,145	40,087	2,058
24.	Levis Tramways Co.	144,331	112,254	32,077
25.	London and Port Stanley	365,114	395,416	Dr. 30,302
26.	London Street	560,902	465,403	95,499
27.	Moncton Tramways	4,949	20,302	Dr. 15,353
28.	Montreal Tramways	14,500,960	9,286,986	5,213,974
29.	Montreal and Southern Counties	425,713	449,397	Dr. 23,684
30.	Moose Jaw	41,514	43,206	Dr. 1,692
31.	Nelson	16,647	28,598	Dr. 11,951
32.	New Brunswick Power Co.	383,593	298,371	85,222
33.	Niagara Falls Park and River Division			
	of the International Railway	90,377	127,353	Dr. 36,976
34.	Niagara, St. Catharines and Toronto	636,448	618,259	18,189
35.	Nipissing Central	46,392	56,063	Dr. 9,671
36.	North Yonge Railways	96,365	100,885	Dr. 4,520
37.	Nova Scotia Light and Power Co.	696,570	482,357	214,213
38.	Oshawa	204,735	152,404	52,331
39.	Ottawa	1,644,936	1,033,030	611,906
40.	Port Arthur Civic	152,326	134,346	17,980
41.	Quebec Railway Light and Power Co.	1,063,274	901,849	161,425
42.	Regina	297,219	242,859	54,360
43.	Sandwich, Windsor and Amherstburg	688,748	704,706	Dr. 15,958
44.	Saskatoon	281,625	230,027	51,598
45.	Sarnia	8,546	10,624	Dr. 2,078
46.	Shawinigan Falls	90,673	77,514	13,159
47.	Sherbrooke	115,073	131,690	Dr. 16,617
48.	Suburban Rapid Transit	143,286	104,418	38,868
49.	Sudbury, Copper Cliff Suburban	79,811	60,982	18,829
50.	Three Rivers Traction Co.	129,262	138,754	Dr. 9,492
51.	Toronto Transportation Commission	12,639,774	7,912,765	4,727,009
52.	Township of York and Town of Weston	274,408	214,614	59,794
53.	Windsor, Essex and Lake Shore Rapid	158,885	194,618	Dr. 39,733
54.	Winnipeg	3,112,416	2,464,907	647,509
55.	Winnipeg, Selkirk and Lake Winnipeg	154,910	133,017	21,893
	TOTAL	49,088,310	35,367,067	13,721,243

: Total :		: Interest on :		: Total :		: Reserves :	
No.: Income :		: Funded and :		: Deductions :		: and :	
: from :		: Unfunded :		: from :		: Special :	
: Operation :		: Debt :		: Income :		: Charges :	
\$		\$		\$		\$	
Dr. 11,325	-	21,941	21,941	Dr. 33,266	Cr. 858	-	-
Dr. 3,882	4,626	-	4,626	Dr. 8,508	-	-	-
8,070	199	25,484	25,758	Dr. 17,688	15,064	-	-
4,266,579	719,222	691,382	1,501,500	2,765,079	1,030,384	1,701,808	-
212,413	38,586	129,331	167,917	44,496	133,183	-	-
Dr. 31,265	8,665	4,374	15,705	Dr. 46,970	-	-	-
17,018	6,013	14,957	20,970	Dr. 3,952	-	-	-
19,297	6,944	-	6,944	12,353	-	-	-
655	212	-	212	443	-	-	-
41,005	2,366	9,100	11,466	29,539	16,250	6,000	-
Dr. 2,737	473	-	473	Dr. 3,210	-	-	-
214,479	-	213,189	213,189	1,290	32,522	-	-
14,028	-	59,580	59,580	Dr. 45,552	30,927	-	-
36,319	9,143	75,540	84,683	Dr. 48,364	56,150	-	-
Dr. 16,065	3,340	-	3,340	Dr. 19,405	500	-	-
4,530	1,779	-	1,779	2,751	-	-	-
330,472	78,284	-	78,284	252,188	35,498	-	-
40,687	11,580	31,713	43,293	Dr. 2,606	41,702	-	-
Dr. 374	354	27,700	29,289	Dr. 29,663	3,993	-	-
40,807	5,237	3,875	9,112	31,695	17,622	-	-
32,539	574	11,996	12,570	19,969	3,755	-	-
1,930	10,031	107,100	117,131	Dr. 115,201	57,008	-	-
2,058	-	21,432	21,432	Dr. 19,374	9,173	-	-
33,461	2,318	6,150	8,468	24,993	24,010	-	-
Dr. 30,302	12,213	102,108	139,321	Dr. 169,623	52,855	-	-
96,523	9,824	32,236	42,060	54,463	67,850	-	-
179,834	10,521	7,734	47,359	132,475	75,981	56,270	-
5,213,974	610,867	2,762,636	4,065,302	1,148,672	655,917	700,000	-
Dr. 18,715	16,310	115,179	144,892	Dr. 163,607	-	-	-
Dr. 1,693	116	2,712	2,828	Dr. 4,521	20,501	-	-
Dr. 11,951	-	2,300	2,300	Dr. 14,251	-	-	-
280,932	29,700	174,595	204,296	76,636	-	40,000	-
Dr. 17,823	12,352	30,000	52,429	Dr. 70,252	42,052	-	-
6,305	38,760	-	42,539	Dr. 35,234	-	-	-
14,106	-	-	-	14,106	-	-	-
Dr. 4,520	585	-	585	Dr. 5,105	-	-	-
721,237	138,647	219,781	378,405	342,832	135,000	213,092	-
57,918	10,563	-	10,614	47,304	-	-	-
625,476	92,786	172,699	271,151	354,345	268,400	-	-
20,326	122	24,058	24,180	Dr. 3,854	9,877	-	-
161,425	9,037	-	19,937	152,388	11,331	-	-
54,360	-	100,823	100,823	Dr. 46,463	65,726	-	-
Dr. 8,429	5,690	239,983	295,673	Dr. 304,102	136,402	-	-
51,712	10,912	69,921	80,833	Dr. 29,121	53,175	-	-
Dr. 2,078	548	220	768	Dr. 2,846	-	-	-
14,233	-	8,371	8,371	5,912	968	-	-
89,172	2,939	81,526	84,465	4,707	8,340	-	-
54,016	12,888	29,367	42,361	11,655	11,478	-	-
18,829	197	7,700	8,265	10,564	12,983	-	-
Dr. 9,492	3,111	38,081	41,192	Dr. 50,684	3,579	-	-
4,887,873	192,306	1,925,704	2,131,097	2,756,776	2,743,171	-	-
59,794	-	58,755	64,547	Dr. 4,753	79,013	-	-
Dr. 39,505	1,879	74,495	76,374	Dr. 115,879	493	-	-
1,821,800	243,405	945,594	1,247,848	573,952	292,076	262,500	-
53,917	16,205	24,034	40,245	13,672	13,673	-	-
19,590,003	2,392,429	8,755,456	12,118,802	7,471,201	6,267,724	2,979,670	-

No.:	Name of Railway	: Total : Miles : of : Track	: Fare : Passengers : Carried	: Tons of : Freight : Carried
1.	Brandon Municipal	9.56	321,006	-
2.	Brantford and Hamilton	23.19	103,783	184
3.	Brantford Municipal	20.29	2,292,295	-
4.	British Columbia	302.31	74,144,921	285,714
5.	Calgary	77.02	12,946,995	6
6.	Canadian National Electric Railways-- Toronto Suburban District (1)	-	125,961	15,793
7.	Cape Breton Electric (2)	-	514,307	-
8.	Receiver of Cape Breton Electric (3)	-	519,807	-
9.	Cape Breton Tramways Ltd.	21.10	118,317	-
10.	Cornwall	5.00	1,321,936	213,659
11.	Eastern Light and Power (6)	-	574,909	-
12.	Edmonton Radial	54.50	12,227,167	-
13.	Fort William Street	25.49	2,370,895	-
14.	Grand River	24.36	742,671	170,011
15.	Hamilton, Grimsby and Beamsville (4)	-	143,828	12,299
16.	Hamilton Radial (5)	-	-	28,787
17.	Hamilton Street	34.30	19,420,103	5,914
18.	Hull Electric	30.79	3,941,172	3,905
19.	Hydro-Electric Railways - Guelph District	6.41	1,100,718	-
20.	International Transit Co.	6.14	925,712	-
21.	Kitchener	9.41	2,507,990	-
22.	Lake Erie and Northern	51.00	230,772	180,166
23.	Lethbridge	11.00	742,649	-
24.	Levis Tramways Co.	11.50	2,235,413	1,750
25.	London and Port Stanley	26.70	477,511	291,702
26.	London Street	29.39	9,961,664	-
27.	Moncton Tramways	2.72	99,798	-
28.	Montreal Tramways	283.69	232,141,103	49,519
29.	Montreal and Southern Counties	55.99	2,737,650	57,552
30.	Moose Jaw	10.50	662,019	-
31.	Nelson	3.38	359,060	-
32.	New Brunswick Power Co.	23.00	6,392,600	-
33.	Niagara Falls Park and River Division of the International Railway	22.63	485,576	-
34.	Niagara, St. Catharines and Toronto	60.60	4,035,734	355,639
35.	Nipissing Central	10.52	495,956	-
36.	North Yonge Railways	10.34	1,029,775	1,139
37.	Nova Scotia Light and Power Co.	24.00	11,387,465	-
38.	Oshawa	8.95	669,969	194,138
39.	Ottawa	52.43	26,529,752	-
40.	Port Arthur Civic	19.53	2,440,589	-
41.	Quebec Railway Light and Power Co.	33.51	x 18,086,262	-
42.	Regina	28.62	4,293,639	63,774
43.	Sandwich, Windsor and Amherstburg	56.58	9,522,017	1,464
44.	Saskatoon	23.10	4,516,089	-
45.	Sarnia (7)	-	76,142	1,639
46.	Shawinigan Falls	3.39	-	-
47.	Sherbrooke	11.12	1,203,645	-
48.	Suburban Rapid Transit	19.86	2,512,975	-
49.	Sudbury, Copper Cliff Suburban	7.90	700,702	-
50.	Three Rivers Traction Co.	8.90	2,018,142	-
51.	Toronto Transportation Commission	222.64	187,090,330	-
52.	Township of York and Town of Weston	14.06	5,582,617	-
53.	Windsor, Essex and Lake Shore Rapid	36.12	739,140	39,177
54.	Winnipeg	106.35	45,704,371	-
55.	Winnipeg, Selkirk and Lake Winnipeg	42.05	942,742	3,510
TOTAL		1,981.94	720,468,361	1,977,441

- Ceased operation August 15, 1931.
- Went into receivership March 23, 1931.
- Sold to Eastern Light and Power Co. June 15, 1931.
- Ceased operation June 30, 1931.
- Leased to Canadian National and Toronto, Hamilton and Buffalo Plys. July 13, 1931.
- Sold to Cape Breton Tramways November 23, 1931.
- Ceased operation February 25, 1931. x - No. of bus passengers not available.

No.:	Total Car Miles	Conductors, Motormen and Conductor- Motormen	Total Employees	Total Salaries and Wages \$
1.	202,600	11	20	20,101
2.	85,627	8	23	14,992
3.	637,084	28	64	77,380
4.	17,003,198	1,186	2,037	3,211,889
5.	2,833,924	143	250	422,669
6.	240,884	-	-	63,173
7.	97,720	-	-	20,623
8.	117,555	-	-	18,868
9.	30,433	14	43	4,838
10.	307,078	15	39	52,015
11.	190,125	-	-	31,008
12.	2,387,533	131	251	373,024
13.	791,856	31	63	90,426
14.	476,105	26	145	175,055
15.	104,278	-	-	20,665
16.	1,560	-	-	2,767
17.	4,319,715	233	424	542,932
18.	873,723	51	111	138,882
19.	337,780	13	38	46,256
20.	235,278	10	19	26,778
21.	352,634	19	34	53,008
22.	618,213	8	108	121,686
23.	231,757	10	18	29,546
24.	496,308	24	74	77,302
25.	793,463	24	119	166,803
26.	2,575,312	60	195	271,619
27.	61,242	3	7	9,603
28.	33,340,868	2,512	4,891	6,818,187
29.	1,117,410	59	179	255,825
30.	260,073	11	24	30,033
31.	66,095	7	14	15,811
32.	1,310,341	61	136	162,773
33.	217,669	11	36	66,143
34.	1,922,627	98	341	412,859
35.	153,995	13	20	30,742
36.	325,810	-	-	-
37.	1,999,853	96	193	342,519
38.	309,716	22	84	108,974
39.	4,672,687	254	511	686,961
40.	695,820	25	56	91,498
41.	2,757,754	226	473	585,764
42.	1,127,521	50	105	183,420
43.	2,708,122	126	290	386,400
44.	1,131,939	57	100	154,058
45.	34,282	-	-	6,236
46.	-	7	26	36,621
47.	804,878	25	64	78,488
48.	597,621	-	-	-
49.	167,900	10	18	29,714
50.	533,502	25	60	73,517
51.	29,732,470	2,147	4,182	6,246,217
52.	768,096	-	-	-
53.	648,857	20	64	99,170
54.	9,632,165	602	1,175	1,616,272
55.	442,433	11	34	45,281
	133,883,489	8,523	17,158	24,647,391

Electric Railway	: Passengers : Carried : 1930	: Passengers : Carried : 1931	: Per Cent : of : Total	Decrease in		: Per Cent of : Total Decrease : 1931
				Passengers Carried		
				1931 from 1930	%	
				No.		
Montreal Tramways	245,187,504	232,141,103	32.221	13,046,401	5.3	18.062
Toronto Transportation Commission	203,680,501	187,090,330	25.968	16,590,171	8.1	22.968
British Columbia	75,315,797	72,144,921	10.014	3,170,876	4.2	4.390
Winnipeg Electric	53,997,401	45,704,371	6.344	8,293,030	15.4	11.481
Ottawa Electric	28,599,564	26,529,752	3.682	2,069,812	7.2	2.865
Hamilton Street	23,083,975	19,420,103	2.695	3,663,872	15.9	5.072
Quebec Railway Light and Power Co.	19,593,742	18,086,262	2.510	1,507,480	7.7	2.087
Calgary Municipal	15,883,358	12,946,995	1.797	2,936,363	18.5	4.065
Edmonton Radial	13,712,693	12,227,167	1.697	1,485,526	10.8	2.056
Nova Scotia Light and Power Co.	12,324,410	11,387,465	1.581	936,945	7.6	1.297
Total	691,378,945	637,678,469	88.509	53,700,476	7.8	74.343
Sandwich, Windsor and Amherstburg	13,399,281	9,522,017	1.322	3,877,264	28.9	5.368
London Street	11,191,326	9,961,664	1.383	1,229,662	11.0	1.702
New Brunswick Power Co.	6,874,924	6,392,600	.887	482,324	7.0	.668
Township of York and Town of Weston	6,129,617	5,582,617	.775	547,000	8.9	.757
Saskatoon Municipal	5,957,943	4,516,089	.627	1,441,854	24.2	1.996
Regina Municipal	5,946,184	4,293,639	.596	1,652,545	27.8	2.288
Niagara, St. Catharines and Toronto	5,192,112	4,035,734	.560	1,156,378	22.3	1.601
Hull Electric	4,382,428	3,941,172	.547	441,256	10.1	.611
Montreal and Southern Counties	3,185,682	2,737,650	.380	448,032	14.1	.620
Port Arthur Civic	3,043,062	2,440,589	.339	602,473	19.8	.834
Suburban Rapid Transit	2,982,244	2,512,975	.349	469,269	15.7	.650
Kitchener Public Utilities	2,936,181	2,507,990	.348	428,191	14.6	.593
Fort William Street	2,814,248	2,370,895	.329	443,353	15.8	.614
Three Rivers Traction	2,561,701	2,018,142	.280	543,559	21.2	.752
Levis Tramways	2,555,130	2,235,413	.310	319,717	12.5	.442
Brantford Municipal	2,483,478	2,292,295	.318	191,183	7.7	.265
Total	81,635,541	67,361,481	9.350	14,274,060	17.5	19.761
Other 29 systems	19,687,007	15,428,411	2.141	4,258,596	21.6	5.896

- Including passengers carried on buses operated by electric railways.

CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

TRANSPORTATION BRANCH

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PRELIMINARY REPORT

ON

STATISTICS OF ELECTRIC RAILWAYS

IN

CANADA

1932

Published by Authority of the HON. H. H. STEVENS, M. P.,
Minister of Trade and Commerce.

OTTAWA

1933

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

Dominion Statistician, R.H. Coats, B.A., F.S.S., (Hon.), F.R.S.C.
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

PRELIMINARY REPORT

ON

ELECTRIC RAILWAYS OF CANADA

1932

The traffic of electric railways in Canada, which is comprised largely of urban street car traffic, has continued to decline and during 1932 five systems, including two interurban lines, ceased operation. One of these, the Brantford Municipal Railway, substituted a bus service for three months but resumed operation again early in 1933 and the mileage, capital, etc. of this system has been retained in the data as at December 31. The other systems which ceased operation were: Brandon, Moose Jaw, Niagara Falls Park and River Division of the International Railway and the Sandwich, Windsor and Amherstburg.

During the year 720,468,361 fare passengers were carried which was a decrease from the 1931 traffic of 77,637,359 passengers, or 10.8 per cent. The greatest rate of decrease was on the small systems carrying less than two million passengers per annum. These showed a decrease of 29.1 per cent. The decrease on systems carrying over 10 million passengers was 63,440,497 passengers, or 9.9 per cent, ranging from 17.3 per cent for the Hamilton Street Railway to only half of one per cent for the Edmonton Radial Railway. The Toronto system, including buses but not including interurban coaches, showed a decrease of 1,815,415 passengers, or 11.7 per cent, and the Montreal system showed a decrease of 1,333,974 passengers, or 9.2 per cent. The Saskatoon Municipal Railway showed an increase of 0.6 per cent which was probably effected by the discontinuance of issuing transfers.

Revenues on all electric railways amounted to \$642,831,002 which was \$77,637,359, or 10.8 per cent, less than 1931 revenues. Operating expenses were reduced from \$35,367,068 in 1931 to \$31,516,943 in 1932 and net operating revenues decreased from \$13,721,242 to \$1,822,438. The number of employees was reduced from 17,135 to 15,961 and the salaries and wages from \$24,647,391 to \$21,534,419.

Of the forty five railways reporting, fourteen showed a loss from operation and, after paying taxes, interest and other income charges, twenty-four railways showed deficits. Only four railways paid dividends, viz., the British Columbia Electric, the Cornwall Street Railway, Light and Power, the Nova Scotia Light and Power and the Montreal Tramways. This last company operates on a cost of service agreement with the city of Montreal and the accounts have been rearranged to make the data comparable with those of other railways. Railways operating light and power systems include the income from these sources in their operating income.

During the year 3 passengers were killed, all on one railway, 29 motorists, 42 pedestrians, 2 employees, one person riding in vehicle other than an automobile and one other person were killed, making a total of 79 persons killed, as against 65 in 1931. Collisions accounted for 76 of these deaths. The number of persons injured was 3,542, including 2,098 pedestrians, 279 motorists, 47 persons in other vehicles, 157 conductors and motormen, 17 bus operators, 391 other employees and 92 other persons. This was the smallest number of persons injured by electric railways in the past ten years.

ELECTRIC RAILWAYS IN CANADA, 1932

Table 1.

MILEAGE OPERATED

Year ended December 31	First Main Track	Second Main Track	Total Main Track
1923	1,736.31	511.32	2,247.63
1924	1,736.77	524.91	2,261.68
1925	1,737.52	543.47	2,280.99
1926	1,684.18	553.39	2,237.57
1927	1,652.15	562.94	2,215.09
1928	1,653.22	565.56	2,218.78
1929	1,636.76	565.27	2,202.03
1930	1,508.99	571.37	2,080.36
1931	1,386.06	572.69	1,958.75
1932	1,313.33	560.02	1,873.35

Table 2.

CAPITAL

	Stocks	Bonds, etc.	Total
	\$	\$	\$
1923	76,674,185	122,395,685	199,069,870
1924	76,482,085	137,285,575	213,767,660
1925	58,567,242	163,201,978	221,769,220
1926	57,779,518	158,029,002	215,808,520
1927	58,873,778	163,678,939	222,552,717
1928	50,653,071	170,649,165	221,302,236
1929	54,453,321	167,969,494	222,422,815
1930	53,048,929	171,040,610	224,089,539
1931	45,155,649	170,662,447	215,818,096
1932	40,101,930	163,210,624	203,312,554

Table 3.

	Gross Revenues	Operating Expenses	Net Operating Revenue
	\$	\$	\$
1923	50,191,387	36,171,923	14,019,464
1924	49,439,559	36,125,213	13,314,346
1925	49,626,231	35,426,487	14,199,744
1926	51,723,199	36,453,709	15,269,490
1927	53,506,401	37,616,568	15,889,833
1928	55,632,761	38,782,719	16,850,042
1929	58,268,980	40,085,140	18,183,840
1930	54,719,259	39,125,515	15,593,744
1931	49,088,310	35,367,068	13,721,242
1932	43,339,381	31,516,943	11,822,438

Table 4.

	Passengers Carried	Freight Carried	Passenger Car Miles
	No.	Tons	
1923	737,282,038	3,141,992	115,768,713
1924	726,497,729	2,543,669	116,438,733
1925	725,491,101	2,701,823	115,715,733
1926	748,710,836	3,489,183	118,566,321
1927	781,398,194	3,265,237	127,062,864
1928	808,023,615	3,888,672	128,888,905
1929	833,496,866	3,653,411	134,666,564
1930	792,701,493	2,872,929	136,240,958
1931	720,468,361	1,977,441	131,200,894
1932	642,831,002	1,509,561	123,672,220

Table 5.

	Employees	Salaries and Wages
	No.	\$
1923	17,779	25,039,286
1924	17,379	24,964,440
1925	16,933	24,543,855
1926	16,961	24,686,549
1927	18,090	25,891,020
1928	18,697	26,494,062
1929	18,801	26,984,061
1930	18,340	26,954,994
1931	17,135	24,647,391
1932	15,961	21,534,419

Table 6.

No.	Name of Railway	Total Gross Revenues	Total Operating Expenses	Net Operating Revenues
		\$	\$	\$
1.	Brandon Municipal	7,927	9,732	Dr. 1,805
2.	Brantford Municipal	77,812	78,159	Dr. 347
3.	British Columbia	4,755,541	3,886,449	869,092
4.	Calgary	702,657	534,244	168,413
5.	Canadian Pacific Electric Railways	375,933	404,752	Dr. 28,819
6.	Cape Breton Tramways	87,364	73,641	13,723
7.	Cornwall Street Rly., Light & Power Co.	89,825	54,120	35,705
8.	Edmonton Radial	728,571	489,796	238,775
9.	Fort William Street	139,773	132,665	7,108
10.	Hamilton Street	1,093,517	884,133	209,384
11.	Hull	220,385	189,011	31,374
12.	Hydro Electric Railways - Guelph District	64,040	71,760	Dr. 7,720
13.	International Transit	42,489	41,145	1,344
14.	Kitchener Public Utilities - Street Ry. Dept.	99,850	76,450	23,400
15.	Lethbridge	38,515	38,813	Dr. 298
16.	Levis Tramways	126,513	109,019	17,494
17.	London and Port Stanley	305,773	334,517	Dr. 28,744
18.	London Street	511,655	434,626	77,029
19.	Montreal Tramways	13,206,110	8,713,175	4,492,935
20.	Montreal and Southern Counties	319,156	368,327	Dr. 49,171
21.	Moose Jaw	27,648	29,496	Dr. 1,848
22.	Nelson Municipal	15,245	24,951	Dr. 9,706
23.	New Brunswick	319,486	277,560	41,926
24.	Niagara Falls Park and River Division of the International Railway	43,964	63,440	Dr. 19,476
25.	Niagara, St. Catharines and Toronto	487,335	604,118	Dr. 116,783
26.	Nipissing Central	32,639	45,259	Dr. 12,620
27.	North Yonge Railways	81,653	78,935	2,718
28.	Nova Scotia Light and Power Co.	611,737	411,872	199,865
29.	Oshawa	140,415	120,259	20,156
30.	Ottawa	1,466,662	943,843	522,819
31.	Port Arthur Civic	139,539	120,124	19,415
32.	Quebec County	37,761	37,014	747
33.	Quebec Railway, Light and Power Co.	938,116	883,758	54,358
34.	Regina Municipal	297,636	231,624	66,012
35.	Sandwich, Windsor and Amherstburg	554,521	548,088	6,433
36.	Saskatoon Municipal	277,329	225,525	51,804
37.	Shawinigan Falls Terminal	54,915	62,600	Dr. 7,685
38.	Suburban Rapid Transit Co.	137,775	97,606	40,169
39.	Sudbury, Copper Cliff Suburban	44,671	42,749	1,922
40.	Three Rivers Traction Company	96,595	99,901	Dr. 3,306
41.	Toronto Transportation Commission	11,068,098	6,835,959	4,232,139
42.	Township of York and Town of Weston	239,020	187,617	51,403
43.	Windsor, Essex and Lake Shore Rapid Rly.	95,938	123,403	Dr. 27,465
44.	Winnipeg	2,985,661	2,355,356	630,305
45.	Winnipeg, Selkirk and Lake Winnipeg	151,616	141,352	10,264
Total		43,339,381	31,516,943	11,822,438

Total Income from Operation	Taxes	Interest on Funded & Unfunded Debt	Total Deductions from Income	Net Income	Reserves and Special Charges	Dividends
\$	\$	\$	\$	\$	\$	\$
Dr. 1,805		21,665	21,665	Dr. 23,470	1,950	...
Dr. 347	69	26,047	26,192	Dr. 26,539	15,064	...
4,181,270	869,290	584,652	1,513,513	2,667,757	1,026,509	1,701,808
223,512	35,133	129,481	164,614	58,898	87,654	...
Dr. 24,477	19,248	...	19,248	Dr. 43,725	...	...
14,042	1,153	...	1,153	12,889	14,000	...
35,705	2,534	9,100	12,087	23,618	20,000	6,000
239,941	...	210,076	210,076	29,865	28,822	...
14,709	...	59,580	62,566	Dr. 47,857	30,927	...
209,384	57,811	153,878	211,689	Dr. 2,305	...	...
32,076	10,767	33,009	44,520	Dr. 12,444	41,703	...
Dr. 5,192	354	26,700	28,381	Dr. 33,573	5,254	...
23,008	3,285	2,150	5,435	17,573	11,003	...
25,012	581	11,152	11,733	13,279	1,837	...
Dr. 298	...	21,245	21,245	Dr. 21,543	8,801	...
18,894	3,314	...	3,314	15,580	15,119	...
Dr. 17,711	11,817	102,320	139,137	Dr. 156,848	54,368	...
78,078	8,543	29,938	38,481	39,597	69,700	...
4,597,575	605,081	2,767,944	4,060,414	537,161	632,127	682,500
Dr. 45,067	14,584	115,350	144,082	Dr. 189,149	...	...
Dr. 1,848	122	1,364	1,486	Dr. 3,334	...	...
Dr. 9,706	...	2,300	2,300	Dr. 12,006	...	...
208,143	26,700	207,287	233,987	Dr. 25,844	15,493	...
Dr. 8,812	11,790	20,902	40,243	Dr. 49,055	29,299	...
Dr. 154,729	37,611	...	37,792	Dr. 192,521	...	...
55,845	...	...	...	55,845	...	...
2,718	90	...	90	2,628	...	...
640,570	43,611	262,471	306,082	334,488	154,563	213,092
25,068	10,056	...	10,056	15,012	...	...
543,465	72,845	169,167	247,774	295,691	263,860	...
22,565	122	23,988	24,110	Dr. 1,545	9,899	...
747	...	...	...	747	415	...
54,358	11,656	...	11,656	42,702	18,648	...
88,315	...	103,307	103,307	Dr. 14,992	50,424	...
40,293	4,512	315,798	345,289	Dr. 304,996	135,523	...
52,008	10,639	68,881	79,520	Dr. 27,512	51,809	...
Dr. 7,174	...	8,164	8,164	Dr. 15,338	968	...
55,084	12,162	25,354	42,298	12,786	11,478	...
1,922	...	7,700	8,111	Dr. 6,189	...	...
Dr. 3,306	3,878	38,538	42,416	Dr. 45,722	7,305	...
4,407,826	203,182	1,860,957	2,085,105	2,322,721	2,319,745	...
51,403	...	54,804	63,388	Dr. 11,985	83,109	...
Dr. 27,465	1,377	51,948	62,421	Dr. 89,886	867	...
1,751,059	240,479	969,261	1,276,602	474,457	298,003	...
48,459	16,698	20,070	36,775	11,684	17,754	...
17,435,117	2,351,094	8,516,548	11,308,517	5,626,600	5,534,000	2,603,400

Table 7.

No.	Name of Railway	Total Miles of Track	Fare Passengers Carried
1.	Brandon Municipal (1)	....	114,623
2.	Brantford Municipal (2)	17.73	1,439,462
3.	British Columbia	220.44	66,392,459
4.	Calgary	53.06	12,028,866
5.	Canadian Pacific	69.63	839,035
6.	Cape Breton Tramways	21.30	1,008,479
7.	Cornwall Street Railway, Light and Power Co.	5.00	1,219,725
8.	Edmonton Radial	32.43	12,168,125
9.	Fort William Street	20.56	2,294,181
10.	Hamilton Street	18.00	16,055,651
11.	Hull	16.54	2,892,214
12.	Hydro Electric Railways - Guelph District	6.41	922,082
13.	International Transit	4.97	766,581
14.	Kitchener Public Utilities - Street Rly. Dept.	6.55	2,256,650
15.	Lethbridge	8.25	679,118
16.	Levis Tramways	11.50	1,872,156
17.	London and Port Stanley	24.50	388,387
18.	London Street	22.36	9,060,769
19.	Montreal Tramways	160.13	210,807,129
20.	Montreal and Southern Counties	54.67	2,305,402
21.	Moose Jaw (3)	....	442,909
22.	Nelson Municipal	3.38	344,721
23.	New Brunswick Power Co.	16.60	5,346,758
24.	Niagara Falls Park & River Division of International Railway (4)	....	230,429
25.	Niagara, St. Catharines and Toronto	57.66	3,190,428
26.	Nipissing Central	10.52	364,246
27.	North Yonge Railways	10.34	916,232
28.	Nova Scotia Light and Power Co.	14.37	10,167,995
29.	Oshawa	8.78	525,330
30.	Ottawa	27.68	23,472,347
31.	Port Arthur Civic	13.43	2,227,744
32.	Quebec County	2.54	433,517
33.	Quebec Railway, Light and Power Co.	23.43	16,254,323
34.	Regina Municipal	20.22	4,114,293
35.	Sandwich, Windsor and Amherstburg	47.07	7,614,992
36.	Saskatoon Municipal	15.73	4,542,767
37.	Shawinigan Falls Terminal	3.39	...
38.	Suburban Rapid Transit Co.	15.94	2,318,742
39.	Sudbury, Copper Cliff Suburban	7.90	456,323
40.	Three Rivers Traction Co.	7.65	1,285,717
41.	Toronto Transportation Commission	119.76	165,275,187
42.	Township of York and Town of Weston	8.06	4,857,398
43.	Windsor, Essex and Lake Shore Rapid (5)	....	464,407
44.	Winnipeg	65.17	41,615,890
45.	Winnipeg, Selkirk and Lake Winnipeg	39.68	857,213
Total		1,313.33	642,831,002

(1) Ceased operation April 30, 1932.

(2) Bus service substituted from October 1, 1932 to Jan. 8, 1933.

(3) Ceased operation October 8, 1932.

Tons of Freight Carried	Total Car Miles	Conductors, Motormen and Conductor- Motormen	Total Employees	Total Salaries and Wages
...	69,750	...	...	\$ 5,429
...	477,193	28	59	52,382
234,783	16,330,956	1,153	1,923	2,982,308
2	2,698,498	148	240	365,978
285,291	970,858	32	193	253,578
...	282,568	11	38	41,996
191,098	332,246	17	37	44,816
...	2,399,058	131	256	354,202
...	740,701	31	61	85,586
...	4,195,799	204	423	483,419
3,361	793,410	49	109	118,788
...	334,866	13	39	45,822
...	232,115	10	19	26,063
...	346,912	19	34	52,035
...	230,849	8	16	25,103
36,113	546,885	20	69	70,020
184,430	650,437	22	96	134,307
...	2,554,233	55	193	243,975
36,521	32,427,602	2,383	4,681	6,250,390
25,116	897,001	57	170	194,421
...	172,544	...	...	21,019
...	36,478	7	14	13,435
...	1,301,815	60	124	143,923
...	133,332	...	...	33,219
297,574	1,777,049	72	262	319,856
...	122,236	11	18	23,936
53	297,926	...	...	...
...	1,935,638	93	187	317,061
128,575	293,241	30	91	84,714
...	4,365,739	234	482	623,427
...	630,523	22	49	77,055
...	135,124	...	...	...
...	2,687,569	222	429	514,460
59,829	1,095,582	52	96	165,634
1,085	2,329,558	123	241	279,715
...	1,194,089	50	91	137,744
...	...	3	21	30,800
...	567,604	...	...	...
...	95,650	12	19	23,205
...	482,326	16	47	56,348
...	27,433,832	2,103	3,967	5,303,532
...	713,448	...	...	...
20,733	341,663	...	...	53,045
...	9,679,070	571	1,134	1,445,051
4,997	546,328	11	33	36,622
1,509,561	125,885,301	8,083	15,961	21,534,419

(4) Ceased operation September 11, 1932.

(5) Ceased operation September 15, 1932

Table 8.-

ELECTRIC RAILWAY PASSENGER TRAFFIC X
1932 compared with 1931

Name of Railway	Passengers Carried 1931	Passengers Carried 1932
Montreal Tramways	232,141,103	210,807,129
Toronto Transportation Commission	187,090,330	165,275,187
British Columbia Electric	72,144,921	66,392,459
Winnipeg Electric	45,704,371	41,615,890
Ottawa Electric	26,529,752	23,472,347
Quebec Railway, Light and Power Co.	18,086,262	16,254,323
Hamilton Street	19,420,103	16,055,651
Edmonton Radial	12,227,167	12,168,125
Calgary Municipal	12,946,995	12,028,866
Nova Scotia Light and Power Co.	11,387,465	10,167,995
Total	637,678,469	574,237,972
London Street	9,961,664	9,060,769
Sandwich, Windsor and Amherstburg	9,522,017	7,614,992
New Brunswick Power Company	6,392,600	5,346,758
Township of York and Town of Weston	5,582,617	4,857,398
Saskatoon Municipal	4,516,089	4,542,767
Regina Municipal	4,293,639	4,114,293
Niagara, St. Catharines and Toronto	4,035,734	3,190,428
Hull Electric	3,941,172	2,892,214
Suburban Rapid Transit	2,512,975	2,318,742
Montreal and Southern Counties	2,737,650	2,305,402
Fort William Street	2,370,895	2,294,181
Kitchener Public Utilities .. Street Rly. Dept.	2,507,990	2,256,650
Port Arthur Civic	2,440,589	2,227,744
Total	60,815,631	53,022,338
Other 22 systems	21,974,261	15,570,692
GRAND TOTAL	720,468,361	642,831,002

X - Including passengers carried on buses operated by electric railways.

ELECTRIC RAILWAY PASSENGER TRAFFIC ^X
1932 compared with 1931

Per cent of Total	Decrease in Passengers Carried 1932 from 1931		Per cent of Total Decrease 1932
	No.	p.c.	
32.794	21,333,974	9.2	27.479
25.710	21,815,143	11.7	28.099
10.328	5,752,462	8.0	7.409
6.474	4,088,481	8.9	5.266
3.651	3,057,405	11.5	3.938
2.529	1,831,939	10.1	2.360
2.498	3,364,452	17.3	4.333
1.893	59,042	0.5	.076
1.871	918,129	7.1	1.183
1.582	1,219,470	10.7	1.571
89.330	63,440,497	9.9	81.714
1.410	900,895	9.0	1.160
1.184	1,907,025	20.0	2.456
.832	1,045,842	16.4	1.347
.755	725,219	13.0	.934
.707	ø 26,678	ø 0.6	ø .034
.640	179,346	4.2	.231
.496	845,306	20.9	1.089
.450	1,048,958	26.6	1.351
.361	194,233	7.7	.250
.359	432,248	15.8	.557
.357	76,714	3.2	.099
.351	251,340	10.0	.324
.346	212,845	8.7	.274
8.248	7,793,293	12.8	10.038
2.422	6,403,569	29.1	8.248
100.00	77,637,359	10.8	100.00

ø Increase.

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.).
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

PRELIMINARY REPORT

ON

ELECTRIC RAILWAYS OF CANADA

1933

One electric railway, the Three Rivers Traction Company, ceased operation during 1933 and all other railways reported reduced traffic. The smaller railways again showed the greatest rate of decrease with a decline of 16.6 per cent. Railways carrying from 2 to 10 million passengers reported a decrease of 11.4 per cent, or 7,213,962 passengers, and the large systems reported a decrease of 8.4 per cent, or 47,653,541 passengers, from the 1932 traffic. This decline has continued steadily since 1929 when 833,496,866 passengers were carried until in 1933 only 585,385,094 passengers, or approximately two-thirds of the peak, were carried. The rate of decrease, however, was getting smaller. In 1931 the reduction from 1930 traffic was 72,233,132 passengers, or 9.1 per cent, in 1932 a reduction from 1931 traffic of 77,637,359 passengers, or 10.8 per cent, was recorded and in 1933 the decrease was 57,445,908 passengers, or 8.9 per cent.

The Hamilton system showed the largest rate of decrease with a reduction from 1932 traffic of 29.9 per cent, or 4,155,014 passengers. The Saskatoon system showed a decrease of 22.7 per cent, Hull a decrease of 20.7 per cent and Ottawa a decrease of 12.5 per cent. Whereas in 1932 Montreal and Toronto systems reported declines of 21,333,974 passengers and 21,815,143 passengers from the previous year, in 1933 the decreases were 14,666,026 passengers and 14,413,540 passengers respectively.

Gross revenues of all railways also decreased from \$43,339,381 in 1932 to \$39,383,965, or by \$3,955,416, or 9 per cent, and operating expenses were reduced from \$31,516,943 to \$27,917,265, or by \$3,599,678. Of the forty-one railways operated, thirteen failed to earn operating expenses and only four companies paid dividends, two of which paid them largely out of revenues earned by other departments. The accounts of the Montreal Tramways, which is operated at a cost of service arrangement with the city, have been adjusted to make them comparable with accounts of other systems and, although dividends amounting to \$612,500 were paid, an appropriation of \$592,162 was made from reserves.

Total mileage of main track in operation on December 31 was 1,864.23 as against 1,873.35 in 1932. Car miles declined by 5.3 per cent, the number of motormen and conductors was reduced by 6.6 per cent, the total number of employees by 1,078, or 6.8 per cent, and the pay roll was reduced from \$21,534,420 to \$18,692,236, or by 13.2 per cent.

For the second time since 1901, when accident statistics were first compiled for electric railways, no passengers were killed and only one employee was killed. There were 32 other persons killed including 16 pedestrians and 13 motorists. The total of 33 persons killed during the year was the lowest record since 1902 when 32 persons were killed. Persons injured numbered 2,902, which was the smallest number for the past twelve years and was a decrease of 640 from 1932. The total injured included 1,385 passengers, 443 pedestrians, 351 motorists and 23 electric railway bus drivers, 131 conductors and motormen, 179 other employees, 76 persons riding in other vehicles, and 314 other persons. The total of 333 employees injured was the smallest number injured since 1916.

ELECTRIC RAILWAYS IN CANADA, 1933

Table 1.

MILEAGE OPERATED

Year ended December 31	First Main Track	Second Main Track	Total Main Track
1924	1,736.77	524.91	2,261.68
1925	1,737.52	543.47	2,280.99
1926	1,684.18	553.39	2,237.57
1927	1,652.15	562.94	2,215.09
1928	1,653.22	565.56	2,218.78
1929	1,636.76	565.27	2,202.03
1930	1,508.99	571.37	2,080.36
1931	1,386.06	572.69	1,958.75
1932	1,313.33	560.02	1,873.35
1933	1,304.66	559.57	1,864.23

Table 2.

CAPITAL

	Stocks	Bonds, etc.	Total
	\$	\$	\$
1924	76,482,085	137,285,575	213,767,660
1925	58,567,242	163,201,978	221,769,220
1926	57,779,518	158,029,002	215,808,520
1927	58,873,778	163,678,939	222,552,717
1928	50,653,071	170,649,165	221,302,236
1929	54,453,321	167,969,494	222,422,815
1930	53,048,929	171,040,610	224,089,539
1931	45,155,649	170,662,447	215,818,096
1932	40,101,930	163,210,624	203,312,554
1933	39,851,230	160,247,640	200,098,870

Table 3.

	Gross Revenues	Operating Expenses	Net Operating Revenue
	\$	\$	\$
1924	49,439,559	36,125,213	13,314,346
1925	49,626,231	35,426,487	14,199,744
1926	51,723,199	36,453,709	15,269,490
1927	53,506,401	37,616,568	15,889,833
1928	55,632,761	38,782,719	16,850,042
1929	58,268,980	40,085,140	18,183,840
1930	54,719,259	39,125,515	15,593,744
1931	49,088,310	35,367,068	13,721,242
1932	43,339,381	31,516,943	11,822,438
1933	39,383,965	27,917,265	11,466,700

Table 4.

	Passengers Carried	Freight Carried	Passenger Car Miles
	No.	Tons	
1924	726,497,729	2,543,669	116,438,733
1925	725,491,101	2,701,823	115,715,733
1926	748,710,836	3,489,183	118,566,321
1927	781,398,194	3,265,237	127,062,864
1928	808,023,615	3,888,672	128,888,905
1929	833,496,866	3,653,411	134,666,564
1930	792,701,493	2,872,929	136,240,958
1931	720,468,361	1,977,441	131,200,894
1932	642,831,002	1,509,561	123,672,220
1933	585,385,094	1,547,202	117,100,127

Table 5.

	Employees	Salaries and Wages
	No.	\$
1924	17,379	24,964,440
1925	16,933	24,543,855
1926	16,961	24,686,549
1927	18,090	25,891,020
1928	18,697	26,494,062
1929	18,801	26,984,061
1930	18,340	26,954,994
1931	17,135	24,647,391
1932	15,961	21,534,419
1933	14,883	18,692,236

Table 6.

No.	Name of Railway	Total Gross Revenues	Total Operating Expenses	Net Operating Revenues
		\$	\$	\$
1.	Brantford Municipal	88,895	82,491	6,404
2.	British Columbia	4,474,689	3,427,355	1,047,334
3.	Calgary Municipal	627,551	440,029	187,522
4.	Canadian Pacific	348,791	356,948	Dr. 8,157
5.	Cape Breton Tramways, Ltd.	84,728	79,118	5,610
6.	Cornwall Street Railway, Light & Power Co.	103,993	52,354	51,639
7.	Edmonton Radial	677,459	488,929	188,530
8.	Fort William Street	118,029	132,072	Dr. 14,043
9.	Hamilton Street	782,320	711,348	70,972
10.	Hull Electric	184,851	169,761	15,090
11.	Hydro Electric Railways - Guelph District	58,402	69,750	Dr. 11,348
12.	International Transit Company	32,946	34,959	Dr. 2,013
13.	Kitchener Public Utilities, Street Ry. Dept.	92,427	74,260	18,167
14.	Lethbridge Municipal	32,496	35,144	Dr. 2,648
15.	Lévis Tramways	109,764	96,370	13,394
16.	London and Port Stanley	284,911	311,711	Dr. 26,800
17.	London Street	469,154	394,384	74,770
18.	Montreal Tramways	12,243,913	7,848,907	4,395,006
19.	Montreal and Southern Counties	294,443	322,534	Dr. 28,091
20.	Nelson Municipal	14,405	23,138	Dr. 8,733
21.	New Brunswick Power Company	281,471	256,345	25,126
22.	Niagara, St. Catharines and Toronto	450,556	471,550	Dr. 20,994
23.	Nipissing Central	25,312	31,305	Dr. 5,993
24.	North Yonge Railways	71,933	72,557	Dr. 624
25.	Nova Scotia Light & Power Co., Ltd.	545,006	373,990	171,016
26.	Oshawa	140,631	101,671	38,960
27.	Ottawa	1,281,037	872,255	408,782
28.	Port Arthur Civic	127,790	111,069	16,721
29.	Quebec County	36,142	35,737	405
30.	Quebec Railway, Light & Power Company	830,020	777,691	52,329
31.	Regina Municipal	262,560	201,313	61,247
32.	Sandwich, Windsor and Amherstburg	489,205	493,505	Dr. 4,300
33.	Saskatoon Municipal	216,968	173,985	42,983
34.	Shawinigan Falls Terminal	47,615	59,560	Dr. 11,945
35.	Suburban Rapid Transit Company	121,467	78,715	42,752
36.	Sudbury, Copper Cliff Suburban	46,451	39,830	6,621
37.	Three Rivers Traction Company	79,169	76,088	3,081
38.	Toronto Transportation Commission	10,141,352	6,104,983	4,036,369
39.	Township of York and Town of Weston	206,682	173,244	33,438
40.	Winnipeg	2,713,449	2,130,562	582,887
41.	Winnipeg, Selkirk and Lake Winnipeg	144,982	129,248	15,734
Total		39,383,965	27,917,265	11,466,700

Total Income from Operation	Taxes	Interest on Funded & Unfunded Debt	Total Deductions from Income	Net Income	Reserves and Special Charges	Dividends
\$	\$	\$	\$	\$	\$	\$
6,404	729	24,431	25,160	Dr. 18,756	...	...
/ 3,584,709	/ 710,889	/ 574,712	/ 1,338,690	/ 2,246,019	/ 931,009	/ 1,515,272
231,622	31,378	129,481	160,859	70,763	83,654	...
Dr. 4,007	19,647	...	19,647	Dr. 23,654	...	...
6,081	1,150	...	1,150	4,931	14,000	...
51,639	6,206	9,100	15,724	35,915	20,000	9,000
188,727	...	151,097	151,097	37,630	29,600	...
Dr. 9,555	263	44,830	46,200	Dr. 55,755	18,595	...
70,972	56,190	27,308	83,498	Dr. 12,526	...	...
15,927	10,229	34,586	44,815	Dr. 28,888	41,703	...
Dr. 8,685	354	18,286	20,095	Dr. 28,780	11,823	...
6,347	2,842	1,457	4,299	2,048	10,012	...
19,191	437	9,761	10,198	8,993	16,081	...
Dr. 2,648	...	21,245	21,245	Dr. 23,893	8,801	...
14,402	3,384	...	3,384	11,018	12,620	...
Dr. 14,701	11,888	89,450	129,374	Dr. 144,075	55,936	...
75,507	7,908	30,056	37,964	37,543	71,680	...
4,536,042	680,642	2,700,239	4,068,470	467,572	302,217	612,500
Dr. 24,615	14,457	109,416	137,869	Dr. 162,484	...	...
Dr. 8,733	...	2,300	2,300	Dr. 11,033	...	...
/ 192,197	18,200	211,413	229,613	Dr. 37,416	112,000	...
Dr. 40,395	36,213	...	37,770	Dr. 78,165	...	...
40,023	...	...	...	40,023	...	...
Dr. 624	80	...	80	Dr. 704	...	...
/ 631,944	33,714	/ 242,543	/ 276,257	/ 355,687	/ 214,580	/ 187,200
43,257	9,926	...	9,931	33,326	...	...
425,426	70,797	157,447	234,130	191,296	149,482	...
16,721	115	22,057	22,172	Dr. 5,451	9,830	...
405	405	...	405	...	...	...
52,329	10,243	...	10,243	42,086	8,444	...
61,247	...	104,852	104,852	Dr. 43,605	51,255	...
45,111	2,410	341,524	345,888	Dr. 300,777	145,476	...
42,983	8,452	68,881	77,570	Dr. 34,587	50,493	...
Dr. 11,945	...	7,651	7,651	Dr. 19,596	968	...
54,664	10,926	25,335	38,277	16,387	16,387	...
6,621	914	7,700	8,923	Dr. 2,302	...	...
3,081	4,358	35,055	39,413	Dr. 36,332	11,121	...
4,188,230	193,751	1,754,280	1,971,386	2,216,844	2,215,373	...
42,561	...	63,018	63,018	Dr. 20,457	87,361	...
/ 1,564,579	225,737	/ 961,885	/ 1,241,359	/ 323,220	/ 295,889	...
50,882	12,330	20,036	32,366	18,516	17,754	...
16,143,923	2,197,164	8,001,432	11,073,342	5,070,581	5,014,144	2,323,972

/ Includes electric light and all other departments of company.

Table 7.

No.	Name of Railway	Total Miles of Track	Fare Passengers Carried
1.	Brantford Municipal	20.29	1,534,791
2.	British Columbia	302.27	62,412,808
3.	Calgary Municipal	77.02	10,781,399
4.	Canadian Pacific	75.36	805,646
5.	Cape Breton Tramways, Ltd.	21.30	983,710
6.	Cornwall Street Railway, Light & Power Co.	5.00	1,141,378
7.	Edmonton Radial	52.50	11,321,146
8.	Fort William Street	25.49	2,057,575
9.	Hamilton Street	34.30	11,900,637
10.	Hull Electric	28.76	2,294,357
11.	Hydro Electric Railways - Guelph District	6.41	844,618
12.	International Transit Company	6.14	647,422
13.	Kitchener Public Utilities, Street Ry. Dept.	9.41	2,023,536
14.	Lethbridge Municipal	11.00	563,004
15.	Levis Tramways	11.50	1,557,686
16.	London and Port Stanley	26.70	349,789
17.	London Street	29.39	8,282,454
18.	Montreal Tramways	289.31	196,141,103
19.	Montreal and Southern Counties	54.67	2,149,551
20.	Nelson Municipal	3.38	332,614
21.	New Brunswick Power Company	23.00	4,640,361
22.	Niagara, St. Catharines and Toronto	59.58	2,783,035
23.	Nipissing Central	10.52	278,355
24.	North Yonge Railways	10.34	829,062
25.	Nova Scotia Light & Power Co., Ltd.	24.91	9,100,077
26.	Oshawa	8.95	496,742
27.	Ottawa	52.43	20,533,876
28.	Port Arthur Civic	19.53	2,120,632
29.	Quebec County	4.97	378,550
30.	Quebec Railway, Light and Power Co.	31.42	14,472,041
31.	Regina Municipal	28.62	3,794,676
32.	Sandwich, Windsor and Amherstburg	59.80	6,981,237
33.	Saskatoon Municipal	23.10	3,509,391
34.	Shawinigan Falls Terminal	3.39	...
35.	Suburban Rapid Transit Co.	19.86	2,022,011
36.	Sudbury, Copper Cliff Suburban	7.90	448,688
37.	Three Rivers Traction Co. (1)	....	1,032,291
38.	Toronto Transportation Commission	222.19	150,861,647
39.	Township of York and Town of Weston	14.06	4,217,478
40.	Winnipeg	107.41	37,991,779
41.	Winnipeg, Selkirk and Lake Winnipeg	42.05	767,941
Total		1,864.23	585,385,094

(1) Ceased operation September 12, 1933.

Tons of Freight Carried	Total Car Miles	Conductors, Motormen and Conductor-- Motormen	Total Employees	Total Salaries and Wages \$
...	559,588	27	55	43,990
210,196	15,490,193	1,110	1,850	2,631,912
...	2,411,829	129	206	298,687
278,030	951,841	53	172	226,711
...	284,146	11	38	44,947
276,699	361,647	17	37	46,007
...	2,364,387	132	258	344,975
...	697,666	26	61	77,449
...	3,838,596	157	347	405,038
2,274	700,028	42	98	100,398
...	332,449	12	35	38,353
...	208,118	10	19	23,394
...	311,704	19	33	50,120
...	214,384	8	16	22,948
6,430	536,782	22	67	65,041
178,971	616,638	22	91	116,746
...	2,442,844	49	195	221,637
23,910	31,242,811	2,303	4,438	5,376,903
18,913	882,437	55	164	180,016
...	34,492	7	14	14,182
...	1,258,769	59	121	129,267
356,417	1,791,789	66	244	295,163
...	93,415	6	13	16,501
...	264,704	...	...	...
...	1,900,380	89	185	270,130
134,067	295,034	23	77	77,790
...	4,268,632	213	459	569,118
...	603,970	23	55	74,790
...	133,846	...	...	...
...	2,552,837	208	413	420,755
54,761	1,089,837	52	99	137,636
1,616	2,330,825	111	220	280,250
...	954,100	50	85	108,780
...	...	4	18	29,500
...	488,482	...	...	...
...	95,500	12	19	20,849
...	472,235	...	...	47,887
...	26,150,760	1,932	3,647	4,632,593
...	637,129	...	...	...
...	8,802,975	478	1,005	1,220,674
4,918	494,997	8	29	31,099
1,547,202	119,162,796	7,545	14,883	18,692,236

Table 8.

ELECTRIC RAILWAY PASSENGER TRAFFIC ⁺
1933 compared with 1932

Name of Railway	Passengers Carried 1932	Passengers Carried 1933
Montreal Tramways	210,807,129	196,141,103
Toronto Transportation Commission	165,275,187	150,861,647
British Columbia	66,392,459	62,412,808
Winnipeg Electric	41,615,890	37,991,779
Ottawa	23,472,347	20,533,876
Quebec Railway, Light and Power Co.	16,254,323	14,472,041
Hamilton Street	16,055,651	11,900,637
Edmonton Radial	12,168,125	11,321,146
Calgary Municipal	12,028,866	10,781,399
Total	564,069,977	516,416,436
Nova Scotia Light and Power Co.	10,167,995	9,100,077
London Street	9,060,769	8,282,454
Sandwich, Windsor and Amherstburg	7,614,992	6,981,237
New Brunswick Power Co.	5,346,758	4,640,361
Township of York and Town of Weston	4,857,398	4,217,478
Regina Municipal	4,114,293	3,794,676
Saskatoon Municipal	4,542,767	3,509,391
Niagara, St. Catharines and Toronto	3,190,428	2,783,035
Hull	2,892,214	2,294,357
Montreal and Southern Counties	2,305,402	2,149,551
Port Arthur Civic	2,227,744	2,120,632
Fort William Street	2,294,181	2,057,575
Kitchener Public Utilities - Street Ry. Dept.	2,256,650	2,023,536
Suburban Rapid Transit	2,318,742	2,022,011
Total	63,190,333	55,976,371
Other 17 systems	15,570,692	12,992,287
GRAND TOTAL	642,831,002	585,385,094

⁺ Including passengers carried on buses operated by electric railways.

ELECTRIC RAILWAY PASSENGER TRAFFIC /
1933 compared with 1932

Per cent of Total	Decrease in Passengers Carried 1933 from 1932		Per cent of Total Decrease 1933
	No.	p.c.	
33.506	14,666,026	7.0	25.530
25.771	14,413,540	8.7	25.091
10.662	3,979,651	6.0	6.928
6.490	3,624,111	8.7	6.309
3.508	2,938,471	12.5	5.115
2.472	1,782,282	11.0	3.102
2.033	4,155,014	25.9	7.233
1.934	846,979	7.0	1.474
1.842	1,247,467	10.4	2.172
88.218	47,653,541	8.4	82.954
1.555	1,067,918	10.5	1.859
1.415	778,315	8.6	1.355
1.192	633,755	8.3	1.103
0.793	706,397	13.2	1.230
0.720	639,920	13.2	1.114
0.648	319,617	7.8	0.556
0.600	1,033,376	22.7	1.799
0.475	407,393	12.8	0.709
0.392	597,857	20.7	1.041
0.367	155,851	6.8	0.271
0.362	107,112	4.8	0.186
0.352	236,606	10.3	0.412
0.346	233,114	10.3	0.406
0.345	296,731	12.8	0.517
9.562	7,213,962	11.4	12.558
2.220	2,578,405	16.6	4.488
100.00	57,445,908	8.9	100.00

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CANADA

DEPARTMENT OF TRADE AND COMMERCE

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TRANSPORTATION BRANCH

PRELIMINARY REPORT

ON

STATISTICS OF ELECTRIC RAILWAYS

IN

CANADA

1934

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OTTAWA

1935

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.).
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

PRELIMINARY REPORT

ON

ELECTRIC RAILWAYS OF CANADA

1934

Canadian electric street and suburban railways showed an increase in the number of passengers carried in 1934 for the first time since 1929 with a total of 595,143,903 fare passengers, as against 585,385,094 passengers in 1933. The traffic, however, was still below the traffic of 1932 and of any previous year back to pre-war years.

Of the thirty-nine systems operating only twelve did not show increases and the net result of all railways was an increase of 9,758,809 passengers, or 1.67 per cent. The Montreal system which carried nearly a third of all the traffic showed an increase of less than one per cent, the Toronto system had an improvement of 2.3 per cent and the British Columbia Electric Railway increased its traffic by 2.4 per cent. The Ottawa, Hamilton and Edmonton railways showed increases of 4.5 per cent, 4.3 per cent, and 6.6 per cent respectively. The Winnipeg railway carried 0.6 per cent fewer passengers, the Quebec system was down by 1.3 per cent and the Calgary railway by 4.9 per cent. These decreases, however, were considerably less than those recorded in 1933.

Gross revenues also showed the first improvement in five years, increasing from \$39,383,965 in 1933 to \$40,048,136. Operating expenses increased only \$119,489, or by 0.4 per cent, and net operating revenues were increased by \$544,682, or 4.75 per cent. Only seven railways failed to earn operating expenses as against thirteen in 1933, but seventeen failed to earn sufficient to meet all income charges and reported losses on the year's operation. The net income for all railways, however, increased from \$5,070,581 in 1933 to \$6,191,101. The mileage of track operated was reduced by 13.90 miles, or from 1,864.23 miles to 1,850.33 miles.

Although the car and bus miles increased from 119,162,796 to 120,035,625 miles, or by 0.7 per cent, the number of conductors, motormen and bus operators was reduced from 8,098 in 1933 to 7,808, or by 3.6 per cent. The total pay roll of all employees was reduced from \$18,692,236 to \$18,546,750, or by 0.78 per cent, for a reduction in the total number of employees of 339, or 2.3 per cent.

The Montreal Tramways system is operated on a cost of service arrangement with the city and its accounts have been adjusted to make them comparable with those of the other railways.

During the year 4 passengers, 2 employees and 49 other persons were killed in accidents. This total of 55 was an increase of 22 persons, or 67 per cent over the total, but it was smaller than the total of any other year since 1925. The 49 other persons included 26 pedestrians, 21 motorists and 2 other persons. The number of persons

injured amounted to 2,680 which was the smallest number since 1921. These included 1,602 passengers, 443 pedestrians, 207 motorists, 65 occupants of other vehicles, 101 conductors and motormen, 20 bus operators, 134 other employees and 108 other persons.

An analysis of the classes of vehicle involved in these accidents shows the following averages per million miles run: buses, 0.2933 persons killed and 20.416 injured; one-man cars, 0.5242 persons killed and 16.180 injured; cars operated by two men, 0.3934 persons killed and 22.039 injured. The bus mileage includes a small amount made by buses with two men in charge. Usually the heavy runs with dense street traffic are assigned to cars operated by two men on systems operating both classes of car and this would have an effect on the number of accidents per mile run. The injuries are not classified into major and minor, and consequently must be considered as approximately the same each year. It would be a mistake to consider the operators of electric cars and buses operated by the electric railway companies as responsible for all these accidents, but they were involved in them. Also several years' records should be analysed before conclusions are drawn as to the relative safety of each class of vehicle.

ELECTRIC RAILWAYS IN CANADA, 1934

Table 1.

MILEAGE OPERATED

Year ended December 31	First Main Track	Second Main Track	Total Main Track
1925	1,737.52	543.47	2,280.99
1926	1,684.18	553.39	2,237.57
1927	1,652.15	562.94	2,215.09
1928	1,653.22	565.56	2,218.78
1929	1,636.76	565.27	2,202.03
1930	1,508.99	571.37	2,080.36
1931	1,386.06	572.69	1,958.75
1932	1,313.33	560.02	1,873.35
1933	1,304.66	559.57	1,864.23
1934	1,293.19	557.14	1,850.33

Table 2.

CAPITAL

	Stocks	Bonds, etc.	Total
	\$	\$	\$
1925	58,567,242	163,201,978	221,769,220
1926	57,779,518	158,029,002	215,808,520
1927	58,873,778	163,678,939	222,552,717
1928	50,653,071	170,649,165	221,302,236
1929	54,453,321	167,969,494	222,422,815
1930	53,048,929	171,040,610	224,089,539
1931	45,155,649	170,662,447	215,818,096
1932	40,101,930	163,210,624	203,312,554
1933	39,851,230	160,247,640	200,098,870
1934	39,851,230	158,276,141	198,127,371

Table 3.

	Gross Revenues	Operating Expenses	Net Operating Revenue
	\$	\$	\$
1925	49,626,231	35,426,487	14,199,744
1926	51,723,199	36,453,709	15,269,490
1927	53,506,401	37,616,568	15,889,833
1928	55,632,761	38,782,719	16,850,042
1929	58,268,980	40,085,140	18,183,840
1930	54,719,259	39,125,515	15,593,744
1931	49,088,310	35,367,068	13,721,242
1932	43,339,381	31,516,943	11,822,438
1933	39,383,965	27,917,265	11,466,700
1934	40,048,136	28,036,754	12,011,382

Table 4.

	Passengers Carried	Freight Carried	Passenger Car Miles
	No.	Tons	
1925	725,491,101	2,701,823	115,715,733
1926	748,710,836	3,489,183	118,566,321
1927	781,398,194	3,265,237	127,062,864
1928	808,023,615	3,888,672	128,888,905
1929	833,496,866	3,653,411	134,666,564
1930	792,701,493	2,872,929	136,240,958
1931	720,468,361	1,977,441	131,200,894
1932	642,831,002	1,509,561	123,672,220
1933	585,385,094	1,547,202	117,100,127
1934	595,143,903	1,939,833	117,678,030

Table 5.

	Employees	Salaries and Wages
	No.	\$
1925	16,933	24,543,855
1926	16,961	24,686,549
1927	18,090	25,891,020
1928	18,697	26,494,062
1929	18,801	26,984,061
1930	18,340	26,954,994
1931	17,135	24,647,391
1932	15,961	21,534,419
1933	14,883	18,692,236
1934	14,544	18,546,750

Table 6.

No.	Name of Railway	Total Gross Revenues	Total Operating Expenses	Net Operating Revenues
		\$	\$	\$
1.	Brantford Municipal	96,332	88,223	8,109
2.	British Columbia	4,610,226	3,336,318	1,273,908
3.	Calgary Municipal	586,768	455,544	131,224
4.	Canadian Pacific	382,945	359,127	23,818
5.	Cape Breton Tramways, Ltd.	100,648	98,710	1,938
6.	Cornwall Street Railway, Light & Power Co.	131,659	67,574	64,085
7.	Edmonton Radial	620,823	488,770	132,053
8.	Fort William Street	124,874	128,712	Dr. 3,838
9.	Guelph Radial	64,570	68,410	Dr. 3,840
10.	Hamilton Street	820,628	732,765	87,863
11.	Hull Electric	191,359	180,412	10,947
12.	International Transit Company	38,459	35,036	3,423
13.	Kitchener Public Utilities, Street Railway Dept.	96,848	76,637	20,211
14.	Lethbridge Municipal	31,409	33,693	Dr. 2,284
15.	Levis Tramways	110,213	102,556	7,657
16.	London and Port Stanley	314,524	279,434	35,090
17.	London Street	481,470	403,367	78,103
18.	Montreal Tramways	12,318,509	7,971,973	4,346,536
19.	Montreal and Southern Counties	317,659	343,092	Dr. 25,433
20.	Nelson Municipal	14,079	21,748	Dr. 7,669
21.	New Brunswick Power Company	294,873	263,397	31,476
22.	Niagara, St. Catharines and Toronto	499,855	472,484	27,371
23.	Nipissing Central	24,452	27,900	Dr. 3,448
24.	North Yonge Railways	70,613	71,873	Dr. 1,260
25.	Nova Scotia Light and Power Co., Ltd.	565,897	397,390	168,507
26.	Oshawa	209,892	122,384	87,508
27.	Ottawa	1,330,406	838,421	491,985
28.	Port Arthur Civic	133,485	110,862	22,623
29.	Quebec County	30,953	30,592	361
30.	Quebec Railway, Light & Power Co.	825,909	787,865	38,044
31.	Regina Municipal	239,634	191,399	48,235
32.	Sandwich, Windsor and Amherstburg	509,754	474,276	35,478
33.	Saskatoon Municipal	196,198	156,450	39,748
34.	Shawinigan Falls Terminal	81,854	70,028	11,826
35.	Suburban Rapid Transit Company	114,486	80,349	34,137
36.	Sudbury, Copper Cliff Suburban	57,783	46,922	10,861
37.	Toronto Transportation Commission	10,400,879	6,260,543	4,140,336
38.	Township of York and Town of Weston	203,311	161,872	41,439
39.	Winnipeg	2,665,023	2,063,175	596,848
40.	Winnipeg, Selkirk and Lake Winnipeg	138,877	131,471	7,406
TOTAL		40,048,136	28,036,754	12,011,382

Total Income from Operation	Taxes	Interest on Funded & Unfunded Debt	Total Deductions from Income	Net Income	Reserves and Special Charges	Dividends
\$	\$	\$	\$	\$	\$	\$
8,153	951	23,912	24,863	Dr. 16,710	15,064	...
x3,718,819	x 688,669	x 574,712	x1,345,763	x 2,373,056	x952,519	x1,515,272
131,224	29,338	130,083	159,421	Dr. 28,197	50,308	...
27,931	16,695	...	16,695	11,236	8,472	...
2,578	2,459	324	2,783	Dr. 205	4,000	...
64,085	6,227	9,100	15,744	48,341	25,000	9,000
133,103	...	48,475	48,475	84,628	60,851	...
1,924	227	41,330	41,557	Dr. 39,633	18,161	...
Dr. 653	237	17,903	19,749	Dr. 20,402	12,456	...
87,863	60,252	25,732	85,984	1,879	4,200	...
11,533	9,292	...	9,292	2,241	41,703	...
16,197	3,111	1,075	4,186	12,011	10,000	...
20,802	423	8,782	9,205	11,597	16,949	...
Dr. 2,284	...	21,245	21,245	Dr. 23,529	8,801	...
8,811	3,051	...	3,051	5,760	5,541	...
48,637	11,992	105,810	145,442	Dr. 96,805	94,060	...
78,862	8,566	28,466	37,032	41,830	71,920	...
4,505,625	658,234	2,457,821	3,802,627	702,998	570,695	630,000
Dr. 22,387	14,640	109,387	138,024	Dr. 160,411	...	...
Dr. 7,669	...	1,150	1,150	Dr. 8,819	...	...
x 197,151	15,996	x 199,888	x 215,884	xDr. 18,733	797	...
28,877	38,011	...	59,297	Dr. 30,420	...	...
61,347	...	...	...	61,347	...	...
Dr. 1,260	78	...	78	Dr. 1,338	...	...
x 625,491	35,217	x 222,174	x 257,652	x 367,839	x216,762	x 178,569
90,878	9,247	...	9,696	81,182	...	...
505,174	81,922	136,436	218,358	286,816	170,390	112,632
22,623	116	21,263	21,379	1,244	8,617	...
361	361	...	361	...	...	...
38,044	46,935	...	46,935	Dr. 8,891	9,281	...
48,235	...	100,812	100,812	Dr. 52,577	52,924	...
141,499	2,016	350,561	359,311	Dr. 217,812	146,102	...
39,748	7,627	67,788	75,518	Dr. 35,770	48,978	...
11,826	...	7,292	7,292	4,534	968	...
x 46,185	10,537	x 25,326	x 35,931	x 10,254	x 16,989	...
10,861	706	7,700	8,483	2,378	12,983	...
4,309,555	196,538	1,681,219	1,902,754	2,406,801	2,400,082	...
41,439	...	63,319	63,319	Dr. 21,880	91,691	...
x1,662,218	230,122	x 950,838	x1,217,594	x 444,624	x295,368	...
x 43,297	12,656	x 20,004	x 32,660	x 10,637	x 17,754	...
16,756,703	2,202,449	7,459,927	10,565,602	6,191,101	5,460,386	2,445,...

x Includes electric light and all other departments of the company.

Table 7.

No.	Name of Railway	Total Miles of Track	Fare Passengers Carried
1.	Brantford Municipal	18.79	1,706,343
2.	British Columbia	302.27	63,902,678
3.	Calgary Municipal	77.02	10,253,189
4.	Canadian Pacific	75.36	776,669
5.	Cape Breton Tramways, Ltd.	21.30	1,178,803
6.	Cornwall Street Railway, Light and Power Co.	5.50	1,472,535
7.	Edmonton Radial	52.50	12,069,396
8.	Fort William Street	25.49	1,998,564
9.	Guelph Radial	6.41	932,160
10.	Hamilton Street	34.30	12,413,821
11.	Hull Electric	28.76	2,331,845
12.	International Transit Company	6.14	756,720
13.	Kitchener Public Utilities, Street Railway Dept.	9.41	2,149,473
14.	Lethbridge Municipal	11.00	546,189
15.	Levis Tramways	11.50	1,492,151
16.	London and Port Stanley	26.70	330,178
17.	London Street	29.39	8,598,204
18.	Montreal Tramways	289.33	197,620,176
19.	Montreal and Southern Counties	54.67	2,195,870
20.	Nelson Municipal	3.38	327,362
21.	New Brunswick Power Co.	23.00	4,907,944
22.	Niagara, St. Catharines and Toronto	59.58	2,965,429
23.	Nipissing Central	9.35	275,062
24.	North Yonge Railways	10.25	825,012
25.	Nova Scotia Light and Power Co., Ltd.	24.91	9,561,320
26.	Oshawa	8.95	578,642
27.	Ottawa	51.74	21,454,313
28.	Port Arthur Civic	19.53	2,209,890
29.	Quebec County	4.96	379,144
30.	Quebec Railway, Light and Power Co.	33.18	14,283,105
31.	Regina Municipal	28.62	4,172,516
32.	Sandwich, Windsor and Amherstburg	59.80	7,406,122
33.	Saskatoon Municipal	23.10	3,139,716
34.	Shawinigan Falls Terminal	3.39	...
35.	Suburban Rapid Transit Company	14.27	1,893,307
36.	Sudbury, Copper Cliff Suburban	7.90	962,628
37.	Toronto Transportation Commission	222.20	154,378,501
38.	Township of York and Town of Weston	14.06	4,140,607
39.	Winnipeg	102.66	37,771,653
40.	Winnipeg, Selkirk and Lake Winnipeg	39.66	736,666
TOTAL		1,850.33	595,143,903

Tons of Freight Carried	Total Car & Bus Miles	Conductors, Motormen, Con- ductor-motormen & Bus Operators	Total Employees	Total Salaries and Wages \$
...	574,514	29	56	58,840
195,876	15,579,938	1,125	1,844	2,671,961
...	2,430,889	133	215	300,762
316,373	1,022,978	36	193	227,810
...	291,435	10	40	53,075
350,144	382,311	21	47	54,657
...	2,389,368	134	264	353,269
...	693,183	25	61	74,000
...	334,546	16	32	35,281
16,109	3,838,382	204	347	404,967
2,034	726,014	41	96	101,436
...	211,039	9	18	23,959
...	311,926	19	33	50,471
...	211,833	8	16	22,145
6,862	541,744	27	72	68,350
208,944	665,127	22	83	109,463
...	2,492,598	108	194	225,410
23,110	31,068,482	2,477	4,365	5,245,677
23,925	943,092	55	175	184,375
...	35,770	7	12	13,607
...	1,300,743	59	124	128,062
531,830	1,991,806	81	251	294,636
...	89,382	7	13	15,572
...	255,630	..	..	...
...	1,912,739	88	215	281,565
201,275	307,951	13	73	83,534
...	4,300,041	207	432	531,877
...	608,800	23	54	74,221
...	134,063	..	..	...
...	2,917,012	220	418	418,926
57,094	1,078,265	53	101	135,467
995	2,325,433	109	221	281,724
...	980,126	44	75	96,049
...	...	4	20	32,329
...	489,704	..	..	...
...	97,350	12	19	23,420
...	26,638,467	1,781	3,323	4,649,840
...	590,482	..	..	...
...	8,772,976	594	1,012	1,188,656
5,262	499,486	7	30	31,357
1,939,833	120,035,625	7,808	14,544	18,546,750

Table 3.

ELECTRIC RAILWAY PASSENGER TRAFFIC[/]
1934 COMPARED WITH 1933

Name of Railway	Passengers Carried 1933	Passengers Carried 1934
Montreal Tramways	196,141,103	197,620,176
Toronto Transportation Commission	150,861,647	154,378,501
British Columbia	62,412,808	63,902,678
Winnipeg	37,991,779	37,771,653
Ottawa	20,533,876	21,454,313
Quebec Railway, Light & Power Co.	14,472,041	14,233,105
Hamilton	11,900,637	12,413,821
Edmonton Radial	11,321,146	12,069,396
Calgary Municipal	10,781,399	10,253,189
Total	516,416,436	524,146,832
Nova Scotia Light and Power Co., Ltd.	9,100,077	9,561,320
London Street	8,282,454	8,598,204
Sandwich, Windsor and Amherstburg	6,981,237	7,406,122
New Brunswick Power Co.	4,640,361	4,907,944
Regina Municipal	3,794,676	4,172,516
Township of York and Town of Weston	4,217,478	4,140,607
Saskatoon Municipal	3,509,391	3,139,716
Niagara, St. Catharines and Toronto	2,783,035	2,965,429
Hull Electric	2,294,357	2,331,845
Port Arthur Civic	2,120,632	2,209,890
Montreal and Southern Counties	2,149,551	2,195,870
Kitchener Public Utilities, Street Railway Dept.	2,023,536	2,149,473
Total	51,896,785	53,778,936
Other 13 systems	17,071,873	17,213,135
GRAND TOTAL	585,385,094	595,143,903

[/] - Including passengers carried on buses operated by electric railways.

ELECTRIC RAILWAY PASSENGER TRAFFIC/
1934 COMPARED WITH 1933

Per Cent of Total	Increase in Passengers Carried 1934 Over 1933		Per cent of Total Increase 1934
	No.	p.c.	
33.205	1,479,073	0.754	15.156
25.940	3,516,854	2.331	36.038
10.737	1,489,870	2.387	15.267
6.347	x 220,126	x 0.579	x - 2.256
3.605	920,437	4.483	9.432
2.400	x 188,936	x 1.306	x - 1.936
2.086	513,184	4.312	5.259
2.028	748,250	6.609	7.667
1.723	x 528,210	x 4.899	x - 5.413
88.071	7,730,396	1.497	79.214
1.607	461,243	5.069	4.726
1.445	315,750	3.812	3.236
1.244	424,885	6.086	4.354
0.825	267,583	5.766	2.742
0.701	377,840	9.957	3.872
0.696	x 76,871	x 1.823	x - 0.788
0.527	x 369,675	x 10.534	x - 3.788
0.498	182,394	6.554	1.869
0.392	37,488	1.634	0.384
0.371	89,258	4.209	0.915
0.369	46,319	2.155	0.475
0.361	125,937	6.224	1.290
9.036	1,882,151	3.627	19.287
2.893	146,262	0.857	1.499
100.000	9,758,809	1.667	100.000

x - Decrease

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

Dominion Statistician, R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)
Chief, Transportation and Public Utilities Branch, G. S. Wrong, B.Sc.

PRELIMINARY REPORT

ON

ELECTRIC RAILWAYS OF CANADA

1935

The traffic of electric street and suburban railways in Canada continued to increase during 1935 although the improvement over 1934 was not as great as the increase of 1934 traffic over 1933 traffic.

Total fare passengers carried during the year amounted to 600,728,313, as against 595,143,903 in 1934 and 585,385,094 in 1933. This, however, was less than the 1932 total and also less than for any previous year during the past decade. The outstanding increase was made in Hamilton where the number of passengers increased from 12,413,821 in 1934 and 11,900,637 in 1933 to 17,267,897 passengers in 1935. Improved business conditions in Hamilton, restriction on competing taxis, and a reduction in the cash fare on Jan. 16, 1935, from 7 cents to 5 cents were responsible for this improvement of 39 per cent. The average fare in Hamilton, including children's fares which remained unchanged at 3 cents and the bus fare at 10 cents, or 3 tickets for 25 cents, was reduced from 6.53 cents in 1934 to 5.438 cents in 1935, but the gross revenue and also the net operating revenue were increased.

Of the nine systems carrying over 10 million passengers per annum, however, five reported decreases in passengers carried although the group including Hamilton showed a net increase of 0.8 per cent. Of the twelve systems carrying between one and ten million passengers, 50 per cent reported losses and 50 per cent reported gains, the net result being an increase of 3.1 per cent. The remaining eighteen smaller systems showed a net loss of 1.3 per cent.

Total revenues of all systems increased from \$40,048,136 in 1934 to \$40,442,320 and, with a reduction in operating expenses from \$28,036,754 to \$28,009,013, net operating revenues were increased by \$421,925, or from \$12,011,382 to \$12,433,307. Taxes increased from \$2,202,449 to \$2,360,845, the only large reduction being for the Hamilton system where the city 4 per cent tax on gross revenues was cancelled upon the reduction in fares.

The Nipissing Central ceased operation of its electric cars on February 9 although it continued to operate steam locomotives and trains. The Hull Electric, Montreal and Southern Counties, Suburban Rapid Transit and Toronto Transportation Commission also reported reduced track mileages of 2.03 miles, 0.66 mile, 3.60 miles and 2.95 miles respectively, and the Montreal Tramways and Sandwich, Windsor and Amherstburg railways showed increases of 0.20 mile and 1.22 miles respectively.

Car and bus miles showed an increase of only 0.6 per cent, but the number of conductors, motormen, drivers, etc., decreased from 7,808 to 7,677, or by 1.7 per cent,

and the total pay roll for all employees was increased from \$18,546,750 to \$18,649,517. As in former reports, the accounts of the Montreal Tramways were adjusted to make them comparable with those of the other railways.

Only one passenger out of the 600.7 million carried was killed and 1,517 were injured. Also two employees and sixty-one other persons were killed in accidents. Of these thirty-six were pedestrians, twenty-three were motorists, one was riding in a vehicle other than a motor vehicle, two were employees other than conductors, motormen and bus drivers, and one was "other persons". Collisions accounted for fifty of these deaths, electric contact for one and the remaining thirteen were from other causes.

Averages per 1,000,000 car miles show fatalities as follows: one-man cars, 0.5597; two-man cars, 0.6110; and motor buses, 0.0566; and persons injured were: one-man cars, 15.94; two-man cars, 23.53; and buses, 17.78. When comparing these, traffic densities should be considered. It is more or less common practice to operate buses on light traffic runs and two-man cars on heavy runs and this practice has an effect on the accidents per mile run by each type of vehicle. The width of the streets, the gradients, weather and densities of vehicular and pedestrian traffic are also factors which should be considered when comparing accident records of different systems.

ELECTRIC RAILWAYS IN CANADA, 1935

Table 1.

MILEAGE OPERATED

Year ended December 31	First Main Track	Second Main Track	Total Main Track
1926	1,684.18	553.39	2,237.57
1927	1,652.15	562.94	2,215.09
1928	1,653.22	565.56	2,218.78
1929	1,636.76	565.27	2,202.03
1930	1,508.99	571.37	2,080.36
1931	1,386.06	572.69	1,958.75
1932	1,313.33	560.02	1,873.35
1933	1,304.66	559.57	1,864.23
1934	1,293.19	557.14	1,850.33
1935	1,275.34	557.83	1,833.17

Table 2.

CAPITAL

	Stocks	Bonds, etc.	Total
	\$	\$	\$
1926	57,779,518	158,029,002	215,808,520
1927	58,873,778	163,678,939	222,552,717
1928	50,653,071	170,649,165	221,302,236
1929	54,453,321	167,969,494	222,422,815
1930	53,048,929	171,040,610	224,089,539
1931	45,155,649	170,662,447	215,818,096
1932	40,101,930	163,210,624	203,312,554
1933	39,851,230	160,247,640	200,098,870
1934	39,851,230	158,276,141	198,127,371
1935	36,827,740	170,363,299	207,191,039

Table 3.

	Gross Revenues	Operating Expenses	Net Operating Revenue
	\$	\$	\$
1926	51,723,199	36,453,709	15,269,490
1927	53,506,401	37,616,568	15,889,833
1928	55,632,761	38,782,719	16,850,042
1929	58,268,980	40,085,140	18,183,840
1930	54,719,259	39,125,515	15,593,744
1931	49,088,310	35,367,068	13,721,242
1932	43,339,381	31,516,943	11,822,438
1933	39,383,965	27,917,265	11,466,700
1934	40,048,136	28,036,754	12,011,382
1935	40,442,320	28,009,013	12,433,307

Table 4.

	Passengers Carried	Freight Carried	Passenger Car Miles
	No.	Tons	
1926	748,710,836	3,489,183	118,566,321
1927	781,398,194	3,265,237	127,062,864
1928	808,023,615	3,888,672	128,888,905
1928	833,496,866	3,653,411	134,666,564
1930	792,701,493	2,872,929	136,240,958
1931	720,468,361	1,977,441	131,200,894
1932	642,831,002	1,509,561	123,672,220
1933	585,385,094	1,547,202	117,100,127
1934	595,143,903	1,939,833	117,678,030
1935	600,728,313	2,057,897	118,263,764

Table 5.

	Employees	Salaries and Wages
	No.	\$
1926	16,961	24,686,549
1927	18,090	25,891,020
1928	18,697	26,494,062
1929	18,801	26,984,061
1930	18,340	26,954,994
1931	17,135	24,647,391
1932	15,961	21,534,419
1933	14,883	18,692,236
1934	14,544	18,546,750
1935	14,381	18,649,517

Table 6.

No.	Name of Railway	Total Gross Revenues	Total Operating Expenses	Net Operating Revenues
		\$	\$	\$
1.	Brantford Municipal	101,369	92,477	8,892
2.	British Columbia	4,776,260	3,551,086	1,225,174
3.	Calgary Municipal	632,251	497,014	135,237
4.	Canadian Pacific	386,434	363,512	22,922
5.	Cape Breton Tramways, Ltd.	95,680	93,974	1,706
6.	Cornwall Street Rly. Light & Power Co.	121,306	75,892	45,414
7.	Edmonton Radial	661,343	507,967	153,376
8.	Fort William Street	122,017	124,125	Dr. 2,108
9.	Guelph Radial	61,159	66,380	Dr. 5,221
10.	Hamilton Street	950,128	751,109	199,019
11.	Hull Electric	172,641	155,177	17,464
12.	International Transit Co.	41,928	36,818	5,110
13.	Kitchener Public Utilities, Street Ry. Dept.	95,369	74,121	21,248
14.	Lethbridge Municipal	33,827	35,210	Dr. 1,383
15.	Levis Tramways	106,712	99,524	7,188
16.	London and Port Stanley	312,915	300,262	12,653
17.	London Street	482,898	411,015	71,883
18.	Montreal Tramways	12,319,153	7,686,775	4,632,378
19.	Montreal and Southern Counties	287,586	339,102	Dr. 51,516
20.	Nelson Municipal	15,288	24,332	Dr. 9,044
21.	New Brunswick Power Co.	289,682	259,452	30,230
22.	Niagara, St. Catharines and Toronto	524,076	499,693	24,383
23.	Nipissing Central	2,651	3,385	Dr. 734
24.	North Yonge Railways	70,316	70,584	Dr. 268
25.	Nova Scotia Light and Power Co., Ltd.	560,293	387,086	173,207
26.	Oshawa	228,590	119,436	109,154
27.	Ottawa	1,303,203	827,391	475,812
28.	Port Arthur Civic	134,678	114,549	20,129
29.	Quebec County	66,808	66,133	675
30.	Quebec Railway, Light and Power Co.	780,974	733,704	47,270
31.	Regina Municipal	260,434	195,547	64,887
32.	Sandwich, Windsor and Amherstburg	562,862	523,409	39,453
33.	Saskatoon Municipal	217,216	159,722	57,494
34.	Shawinigan Falls Terminal	89,599	67,043	22,556
35.	Suburban Rapid Transit Company	114,344	81,510	32,834
36.	Sudbury, Copper Cliff Suburban	65,169	53,704	11,465
37.	Toronto Transportation Commission	10,317,272	6,131,396	4,185,876
38.	Township of York and Town of Weston	201,636	163,280	38,356
39.	Winnipeg	2,736,045	2,130,049	605,996
40.	Winnipeg, Selkirk and Lake Winnipeg	140,208	136,068	4,140
TOTAL		40,442,320	28,009,013	12,433,307

x Includes electric light and all other departments of the company.

(1) Tax on gross revenues cancelled.

(2) To apply on interest on investment by Hydro Electric Power Commission.

Total Income from Operation	Taxes	Interest on Funded & Unfunded Debt	Total Deductions from Income	Net Income	Reserves and Special Charges	Dividends
\$	\$	\$	\$	\$	\$	\$
8,917	862	23,304	24,166	Dr. 15,249	15,064	...
x3,900,599	x801,520	x574,712	x1,435,470	x 2,465,129	x945,452	x1,515,272
135,237	31,613	131,205	162,818	Dr. 27,581	51,080	...
27,287	17,101	...	17,101	10,186	12,685	...
2,349	2,578	...	2,902	Dr. 553	4,000	...
45,414	4,103	9,100	13,621	31,793	28,607	6,000
154,452	...	42,806	42,806	111,646	79,628	...
4,016	193	41,330	41,523	Dr. 37,507	18,161	...
Dr. 2,331	246	18,766	20,785	Dr. 23,116	15,395	...
199,019	(1) 29,389	(2) 157,630	167,019	32,000	2,822	...
17,914	8,707	...	8,707	9,207	41,702	...
27,283	5,055	397	5,452	21,831	10,000	10,500
21,594	425	7,876	8,301	13,293	17,865	...
Dr. 1,383	...	21,245	21,245	Dr. 22,628	8,800	...
8,496	3,957	...	3,957	4,539	4,498	...
26,420	9,404	111,881	148,110	Dr. 121,690	106,888	...
74,712	8,938	23,314	32,252	42,460	63,660	...
4,751,383	715,465	2,439,286	3,849,210	902,173	936,489	630,000
Dr. 49,223	14,887	107,781	136,670	Dr. 185,893	...	...
Dr. 9,044	...	...	...	Dr. 9,044	...	...
x 199,652	16,800	x 201,990	218,790	xDr. 19,138	x 5,270	...
27,875	37,143	725	50,395	Dr. 22,520	...	...
Dr. 17,286	...	...	...	Dr. 17,286	...	...
Dr. 268	78	...	78	Dr. 346	...	...
x 740,942	36,130	x 241,677	281,193	x - 459,749	x233,104	x178,569
113,434	9,519	...	9,520	103,914	...	...
480,071	83,978	136,323	220,300	259,771	161,288	112,632
20,129	115	22,580	22,695	Dr. 2,566	8,365	...
675	675	...	675	...	...	...
47,270	44,074	...	44,074	3,196	5,680	...
64,887	...	99,440	99,440	Dr. 34,553	54,424	...
143,580	2,409	360,098	364,174	Dr. 220,594	154,928	...
57,996	8,483	65,767	74,250	Dr. 16,254	46,669	...
22,556	986	6,319	7,305	15,251	968	...
x 47,117	10,571	x 25,323	35,894	x 11,223	x 27,353	...
11,465	433	7,700	8,133	3,332	12,983	...
4,385,400	210,657	1,611,647	1,843,929	2,541,471	2,533,736	...
38,356	...	57,580	57,580	Dr. 19,224	95,443	...
x 2,302,040	234,479	x1,308,476	1,625,138	x 676,902	291,548	...
x 39,263	9,872	x 20,000	29,872	x 9,391	x 33,043	...
18,068,265	2,360,845	7,856,278	11,135,550	6,932,715	6,027,598	2,452,973

Includes a duplication of a net loss of \$39,781.37 due to the net deficits of \$16,129.63 for the Suburban Rapid Transit Company and \$23,651.74 for the Winnipeg, Selkirk and Lake Winnipeg Railway Co. being included in the miscellaneous income account of the Winnipeg Electric Railway Co.

Table 7.

No.	Name of Railway	Total Miles of Track	Fare Passengers Carried
1.	Brantford Municipal	18.79	1,810,891
2.	British Columbia	302.27	65,854,833
3.	Calgary Municipal	77.02	10,079,281
4.	Canadian Pacific	75.36	768,548
5.	Cape Breton Tramways	21.30	1,137,861
6.	Cornwall Street Railway, Light and Power Co.	5.50	1,474,888
7.	Edmonton Radial	52.50	13,151,973
8.	Fort William Street	25.49	1,967,581
9.	Guelph Radial	6.41	862,693
10.	Hamilton Street	34.30	17,267,897
11.	Hull Electric	26.73	2,099,983
12.	International Transit Co.	6.14	821,374
13.	Kitchener Public Utilities - Street Ry. Dept.	9.41	2,120,758
14.	Lethbridge Municipal	11.00	589,050
15.	Levis Tramways Co.	11.50	1,472,543
16.	London and Port Stanley	26.70	389,215
17.	London Street	29.39	8,646,232
18.	Montreal Tramways	289.53	195,890,771
19.	Montreal and Southern Counties	54.01	2,085,408
20.	Nelson Municipal	3.38	358,392
21.	New Brunswick Power Co.	23.00	5,145,023
22.	Niagara, St. Catharines and Toronto	59.59	3,046,225
23.	Nipissing Central	-	27,875
24.	North Yonge Railways	10.25	813,880
25.	Nova Scotia Light and Power Co., Ltd.	24.91	9,519,930
26.	Oshawa	8.95	632,777
27.	Ottawa	51.74	20,928,638
28.	Port Arthur Civic	19.53	2,149,354
29.	Quebec County	4.96	376,465
30.	Quebec Railway, Light and Power Co.	33.18	13,982,347
31.	Regina Municipal	28.62	4,767,489
32.	Sandwich, Windsor and Amherstburg	61.02	8,268,341
33.	Saskatoon Municipal	23.10	3,532,348
34.	Shawinigan Falls Terminal	3.39	-
35.	Suburban Rapid Transit	10.67	1,927,966
36.	Sudbury, Copper Cliff Suburban	7.90	749,656
37.	Toronto Transportation Commission	219.25	152,297,803
38.	Township of York and Town of Weston	14.06	4,070,740
39.	Winnipeg	102.66	38,880,815
40.	Winnipeg, Selkirk and Lake Winnipeg	39.66	760,469
TOTAL		1,833.17	600,728,313

/ Ceased operation February 9, 1935.

Tons of Freight Carried	Total Car & Bus Miles	Conductors, Motormen, Con- ductor-motormen & Bus Operators	Total Employees	Total Salaries and Wages \$
...	606,868	31	57	60,423
268,559	15,979,538	1,150	1,904	2,848,144
...	2,468,471	125	213	304,157
324,325	1,012,963	54	186	232,432
...	292,079	10	45	58,200
297,950	404,180	21	48	59,612
...	2,444,986	137	266	364,088
...	658,853	25	58	71,681
42,798	336,360	16	30	34,130
15,086	4,245,145	217	357	413,080
1,503	639,511	40	92	85,945
360	213,458	9	18	24,673
...	311,470	19	33	50,420
...	212,713	8	16	23,470
7,605	540,971	28	68	67,466
206,281	659,102	23	89	121,250
...	2,513,550	103	194	232,892
17,730	31,167,025	2,390	4,219	5,080,473
21,766	914,792	55	178	192,704
...	35,770	7	12	14,327
...	1,301,462	59	127	127,312
564,859	2,039,024	80	256	308,297
...	8,215	..	..	1,686
...	255,674	..	..	...
...	1,923,326	88	221	286,955
225,018	318,742	16	109	110,390
...	4,325,860	196	437	543,681
...	610,808	23	57	74,820
...	133,594	..	..	...
...	2,986,925	207	396	411,107
57,137	1,082,604	53	101	136,480
902	2,413,431	109	209	308,128
...	963,055	44	78	103,093
...	...	3	19	30,650
...	488,365	..	..	...
...	97,350	12	19	23,369
...	26,312,256	1,721	3,196	4,571,185
...	593,533	..	..	...
...	8,819,704	590	1,042	1,237,945
6,018	484,616	8	31	34,852
2,057,897	120,816,349	7,677	14,381	18,649,517

Table 8.

ELECTRIC RAILWAY PASSENGER TRAFFIC/

1935 COMPARED WITH 1934

Name of Railway	Passengers Carried 1934	Passengers Carried 1935
Montreal Tramways	197,620,176	195,890,771
Toronto Transportation Commission	154,378,501	152,297,803
British Columbia	63,902,678	65,854,833
Winnipeg	37,771,653	38,880,815
Hamilton	12,413,821	17,267,897
Ottawa	21,454,313	20,928,638
Quebec Railway, Light and Power Co.	14,283,105	13,982,347
Edmonton Railway	12,069,396	13,151,973
Calgary Municipal	10,253,189	10,079,281
Total	524,146,832	532,424,384
Nova Scotia Light and Power Co., Ltd.	9,561,320	9,519,930
London Street	8,598,204	8,646,232
Sandwich, Windsor and Amherstburg	7,406,122	8,268,341
New Brunswick Power Co.	4,907,944	5,145,023
Regina Municipal	4,172,516	4,767,489
Township of York and Town of Weston	4,140,607	4,070,740
Saskatoon Municipal	3,139,716	3,532,348
Niagara, St. Catharines and Toronto	2,965,429	3,046,225
Port Arthur Civic	2,209,890	2,149,354
Kitchener Public Utilities, Street Ry. Dept.	2,149,473	2,120,758
Hull Electric	2,331,845	2,099,983
Montreal and Southern Counties	2,195,870	2,085,408
Total	53,778,936	55,451,831
Other 18 systems	17,218,135	16,942,124
GRAND TOTAL	595,143,903	600,728,313

/ Including passengers carried on buses operated by electric railways.

ELECTRIC RAILWAY PASSENGER TRAFFIC/

1935 COMPARED WITH 1934

	Per cent of Total	Increase in Passengers Carried (Decrease -)		Per cent of Total Increase (Decrease -) 1935
		1935 Over 1934		
		Number	p.c.	
	32.609	- 1,729,405	- 0.875	- 30.968
	25.352	- 2,080,698	- 1.348	- 37.259
	10.962	1,952,155	3.055	34.957
	6.472	1,109,162	2.936	19.861
	2.874	4,854,076	39.102	86.922
	3.484	- 525,675	- 2.450	- 9.413
	2.328	- 300,758	- 2.106	- 5.386
	2.190	1,082,577	8.970	19.386
	1.678	- 173,908	- 1.696	- 3.114
	87.949	4,187,526	0.799	74.986
	1.584	- 41,390	- 0.433	- 0.741
	1.439	48,028	0.559	0.860
	1.376	862,219	11.642	15.440
	0.857	237,079	4.831	4.245
	0.794	594,973	14.259	10.654
	0.678	- 69,867	- 1.687	- 1.251
	0.588	392,632	12.505	7.031
	0.507	80,796	2.725	1.447
	0.358	- 60,536	- 2.739	- 1.084
	0.353	- 28,715	- 1.336	- 0.514
	0.350	- 231,862	- 9.943	- 4.152
	0.347	- 110,462	- 5.030	- 1.978
	9.231	1,672,895	3.111	29.957
	2.820	- 276,011	- 1.603	- 4.943
	100.000	9,674,436	0.938	100.000

52-D-21

TRANSP & PUB-UTIL FILE 'E'

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Minister of Trade and Commerce.

CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
TRANSPORTATION BRANCH

PRELIMINARY REPORT
ON
STATISTICS OF ELECTRIC RAILWAYS
IN
CANADA
1936



OTTAWA
1937

Price 15 cents

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.)
Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

PRELIMINARY REPORT

ON

ELECTRIC RAILWAYS OF CANADA

1936

Electric railways carried 614,890,897 passengers during 1936 which was an increase of 14,162,584 passengers, or 2.4 per cent, over the 1935 traffic and was the third increase since the low point reached in 1933. Revenues increased from \$40,442,320 in 1935 to \$41,391,927 and net income available for dividends and reserves increased from \$6,932,715 to \$7,480,451.

There were thirty-seven electric railways in Canada carrying passengers and nine of them in the larger cities carried 88 per cent of the traffic. The Montreal system carried 32.3 per cent of the total and the Toronto system carried 25.1 per cent. All of these large systems showed increases in passengers carried over 1935 traffic, ranging from 1.1 per cent for the Calgary railway to 6.6 per cent for the Hamilton railway.

The mileage of track, exclusive of sidings, turnouts, shops, etc., was reduced from 1,826 miles in 1935 to 1,800 miles and the number of passenger cars was reduced from 3,707 to 3,605. During the year 7 trackless trolley cars were put into operation in Montreal and the number of motor buses was increased from 552 to 605. The number of employees was reduced from 14,381 to 14,280, but the pay roll was increased from \$18,649,517 to \$18,958,832.

For the third year in the past thirty-six no passengers were killed (the other years with clean records were 1933 and 1927) and only 1,503 passengers were injured, as compared with 1,517 in 1935 and 2,808 in 1929. There were 2 employees and 41 other persons killed and 280 employees and 651 other persons injured during the year.

29/10/37

Table 1.

MILEAGE OPERATED

Year ended December 31	First Main Track	Second Main Track	Total Main Track
	(x)		(x)
1927	1,644.51	562.94	2,207.45
1928	1,645.58	565.56	2,211.14
1929	1,629.12	565.27	2,194.39
1930	1,500.52	571.37	2,071.89
1931	1,379.03	572.69	1,951.72
1932	1,306.30	560.02	1,866.32
1933	1,297.63	559.57	1,857.20
1934	1,286.16	557.14	1,843.30
1935	1,268.31	557.83	1,826.14
1936	1,247.09	552.77	1,799.86

(x) Revised.

Table 2.

CAPITAL

	Stocks	Bonds, etc.	Total
	\$	\$	\$
1927	58,873,778	163,678,939	222,552,717
1928	50,653,071	170,649,165	221,302,236
1929	54,453,321	167,969,494	222,422,815
1930	53,048,929	171,040,610	224,089,539
1931	45,155,849	170,652,447	215,818,096
1932	40,101,930	163,210,624	203,312,554
1933	39,851,230	160,247,640	200,098,870
1934	39,851,230	158,276,141	198,127,371
1935	36,827,740	170,363,299	207,191,039
1936	36,727,740	168,334,613	205,062,353

Table 3.

	Gross Revenues \$	Operating Expenses \$	Net Operating Revenue \$
1927	53,506,401	37,616,568	15,889,833
1928	55,632,761	38,782,719	16,850,042
1929	58,268,980	40,085,140	18,183,840
1930	54,719,259	39,125,515	15,593,744
1931	49,088,310	35,367,068	13,721,242
1932	43,339,381	31,516,943	11,822,438
1933	39,383,965	27,917,265	11,466,700
1934	40,048,136	28,036,754	12,011,382
1935	40,442,320	28,009,013	12,433,307
1936	41,391,927	28,807,311	12,584,616

Table 4.

	Passengers Carried No.	Freight Carried Tons	Passenger Car Miles
1927	781,398,194	3,265,237	127,062,864
1928	808,023,615	3,888,672	128,888,905
1929	833,496,866	3,653,411	134,666,564
1930	792,701,493	2,872,929	136,240,958
1931	720,468,361	1,977,441	131,200,894
1932	642,831,002	1,509,561	123,672,220
1933	585,385,094	1,547,202	117,100,127
1934	595,143,903	1,939,833	117,678,030
1935	600,728,313	2,057,897	118,263,764
1936	614,890,897	2,265,023	119,779,505

Table 5.

	Employees No.	Salaries and Wages \$
1927	18,090	25,891,020
1928	18,697	26,494,062
1929	18,801	26,984,061
1930	18,340	26,954,994
1931	17,135	24,647,391
1932	15,961	21,534,419
1933	14,883	18,692,236
1934	14,544	18,546,750
1935	14,381	18,649,517
1936	14,280	18,958,832

Table 6.

No.	Name of Railway	Total Gross Revenues	Total Operating Expenses	Net Operating Revenues
		\$	\$	\$
1.	Brantford Municipal	104,587	99,745	4,842
2.	British Columbia	5,081,932	3,995,902	1,086,030
3.	Calgary Municipal	638,112	506,184	131,928
4.	Canadian Pacific	394,888	375,700	19,188
5.	Cape Breton Tramways	83,755	78,948	4,807
6.	Cornwall Street Railway, Light & Power Co.	134,174	75,246	58,928
7.	Edmonton Radial	681,558	519,016	162,542
8.	Fort William Street	118,783	124,638	Dr. 5,855
9.	Guelph Radial	60,090	66,809	Dr. 6,719
10.	Hamilton Street	1,005,860	854,458	151,402
11.	Hull Electric	171,900	146,266	25,634
12.	International Transit Company	42,040	35,722	6,318
13.	Kitchener Public Utilities-Street Ry. Dept.	101,179	76,353	24,826
14.	Lethbridge Municipal	34,597	36,930	Dr. 2,333
15.	Levis Tramways Company	108,334	101,710	6,624
16.	London and Port Stanley	304,241	284,045	20,196
17.	London Street	493,589	421,027	72,562
18.	Montreal Tramways	12,463,554	7,658,867	4,804,687
19.	Montreal and Southern Counties	287,019	350,468	Dr. 63,449
20.	Nelson Municipal	15,639	25,033	Dr. 9,394
21.	New Brunswick Power Company	281,494	263,131	18,363
22.	Niagara, St. Catharines and Toronto	573,467	523,195	50,272
23.	North Yonge Railways	70,715	73,530	Dr. 2,815
24.	Nova Scotia Light and Power Co., Ltd.	541,563	389,673	151,890
25.	Oshawa	247,908	149,507	98,401
26.	Ottawa	1,326,291	815,545	510,746
27.	Port Arthur Civic	135,048	109,921	25,127
28.	Quebec Railway, Light and Power Co.	856,566	814,975	41,591
29.	Regina Municipal	280,965	201,879	79,086
30.	Sandwich, Windsor and Amherstburg	576,342	514,126	62,216
31.	Saskatoon Municipal	232,663	166,123	66,540
32.	Shawinigan Falls Terminal	99,883	61,341	38,542
33.	Suburban Rapid Transit Company	116,132	89,241	26,891
34.	Sudbury, Copper Cliff Suburban	90,916	68,588	22,328
35.	Toronto Transportation Commission	10,436,936	6,243,420	4,193,516
36.	Township of York and Town of Weston	205,107	158,282	46,825
37.	Winnipeg	2,844,690	2,197,605	647,085
38.	Winnipeg, Selkirk and Lake Winnipeg	149,410	134,163	15,247
TOTAL		41,391,927	28,807,312	12,584,615

Total Income from Operation	Taxes	Interest On Funded & Unfunded Debt	Total Deductions from Income	Net Income	Reserve and Special Charges	Dividends
\$	\$	\$	\$	\$	\$	\$
4,842	893	22,740	23,633	Dr. 18,791	15,064	...
x 4,111,776	x 935,418	x 574,712	x 1,640,945	x 2,470,831	x1,068,259	x1,515,272
131,928	...	131,726	131,726	202	52,572	...
23,844	16,778	...	16,778	7,066	...	...
5,319	663	...	1,253	4,066	4,000	...
58,928	6,380	9,100	15,898	43,030	21,285	6,000
163,622	...	46,388	46,388	117,234	99,341	...
Dr. 5,855	199	41,330	41,529	Dr. 47,384	18,160	...
Dr. 3,720	247	17,084	19,178	Dr. 22,898	17,625	...
151,402	27,231	6,258	33,489	117,913	150,000	...
26,757	8,711	18	8,730	18,027	41,702	...
43,246	8,116	...	8,116	35,130	10,000	36,000
25,079	408	6,881	7,289	17,790	18,830	...
Dr. 2,333	...	21,245	21,245	Dr. 23,578	8,801	...
7,635	3,480	...	3,480	4,155	3,805	...
33,298	9,449	107,462	144,189	Dr. 110,891	87,791	...
74,815	8,980	21,680	30,660	44,155	63,400	...
4,921,387	581,506	2,432,663	3,705,160	1,216,227	1,205,706	630,000
Dr. 61,581	14,676	107,786	136,461	Dr. 198,042	...	...
Dr. 9,394	...	...	...	Dr. 9,394	...	...
x 169,066	x 15,421	x 204,257	219,678	xDr. 50,612	x 5,471	...
52,353	37,208	826	53,212	Dr. 859	...	...
Dr. 2,815	157	...	157	Dr. 2,972	...	...
x 789,055	27,310	x 264,664	295,522	x 493,533	x 230,000	x 257,353
102,679	9,014	...	9,015	93,664	...	...
521,076	96,226	132,812	229,038	292,038	159,845	112,632
25,127	109	22,353	22,462	2,665	8,365	...
41,591	44,695	...	44,695	Dr. 3,104	3,960	...
79,086	...	99,440	99,440	Dr. 20,354	53,824	...
187,594	2,400	367,098	370,929	Dr. 183,335	163,697	...
67,319	9,094	65,667	74,761	Dr. 7,442	46,890	...
38,542	3,121	4,912	8,034	30,508	968	...
x 38,976	10,615	x 25,319	35,934	x 3,042	x 27,828	...
22,356	420	6,467	6,935	15,421	12,983	...
4,406,676	224,737	1,518,513	1,760,473	2,646,203	2,637,785	...
46,825	...	55,083	55,083	Dr. 8,258	101,123	...
x 2,442,457	231,635	x1,546,786	1,945,239	x 497,218	296,650	...
x 48,080	9,699	x 20,022	29,833	x 18,247	x 33,485	...
18,777,038	2,344,996	7,881,292	11,296,587	/ 7,480,451	6,669,215	2,557,257

x Includes electric light and all other departments of the company.

/ Includes a duplication of a net loss of \$7,140.64 due to a deficit of \$24,785.46 for the Suburban Rapid Transit Company and a credit of \$17,644.82 for the Winnipeg, Selkirk and Lake Winnipeg Railway Co. being included in the miscellaneous income account of the Winnipeg Electric Railway Co.

Table 7.

No.	Name of Railway	Total Miles of Track	Fare Passengers Carried
1.	Brantford Municipal	18.79	2,021,093
2.	British Columbia	302.14	69,475,881
3.	Calgary Municipal	77.02	10,192,927
4.	Canadian Pacific	75.30	775,210
5.	Cape Breton Tramways, Ltd.	21.30	1,013,213
6.	Cornwall Street Railway, Light & Power Co.	5.50	1,431,245
7.	Edmonton Radial	52.50	13,904,716
8.	Fort William Street	25.49	1,900,364
9.	Guelph Radial	6.41	863,559
10.	Hamilton Street	40.17	18,414,846
11.	Hull Electric	26.73	2,076,748
12.	International Transit Company	6.14	824,783
13.	Kitchener Public Utilities - Street Ry. Dept.	9.41	2,240,440
14.	Lethbridge Municipal	11.00	607,591
15.	Levis Tramways Company	11.50	1,564,405
16.	London and Port Stanley	26.70	402,044
17.	London Street	9.46	8,852,399
18.	Montreal Tramways	274.51	198,626,907
19.	Montreal and Southern Counties	54.01	2,103,653
20.	Nelson Municipal	3.38	365,178
21.	New Brunswick Power Company	23.00	5,555,583
22.	Niagara, St. Catharines and Toronto	59.54	3,198,721
23.	North Yonge Railways	10.25	840,004
24.	Nova Scotia Light and Power Co., Ltd.	24.91	9,253,262
25.	Oshawa	9.06	638,762
26.	Ottawa	51.74	21,179,180
27.	Port Arthur Civic	19.53	2,156,921
28.	Quebec Railway, Light and Power Co.	38.14	14,530,494
29.	Regina Municipal	28.62	5,199,890
30.	Sandwich, Windsor and Amherstburg	61.02	8,431,055
31.	Saskatoon Municipal	23.35	3,795,742
32.	Shawinigan Falls Terminal	3.39	...
33.	Suburban Rapid Transit Company	10.67	1,985,670
34.	Sudbury, Copper Cliff Suburban	7.90	1,058,430
35.	Toronto Transportation Commission	214.90	154,064,056
36.	Township of York and Town of Weston	14.06	4,137,870
37.	Winnipeg	102.66	40,390,213
38.	Winnipeg, Selkirk and Lake Winnipeg	39.66	817,842
TOTAL		1,799.86	614,890,897

Tons of Freight Carried	Total Car & Bus Miles	Conductors, Motormen, Con- ductor-motormen & Bus Operators	Total Employees	Total Salaries and Wages
...	623,899	29	54	59,263
321,396	16,477,234	1,192	1,942	3,003,816
...	2,465,089	120	211	301,408
342,383	1,064,436	37	193	245,325
...	291,074	10	34	48,056
375,428	408,656	21	48	54,853
...	2,468,893	136	274	366,777
...	654,657	25	70	76,734
42,701	335,651	16	29	33,748
14,561	4,134,934	209	343	443,442
1,232	627,493	38	89	83,057
...	213,960	9	18	23,412
...	312,032	19	33	50,719
...	210,987	8	16	24,168
6,944	545,082	21	76	70,458
173,597	635,913	24	91	121,673
...	2,501,867	43	198	232,649
20,298	31,626,336	2,314	4,085	5,061,172
23,255	872,841	55	182	197,016
...	35,570	8	14	13,914
...	1,310,234	60	124	128,262
640,368	2,111,233	82	275	327,965
...	255,974	...	...	...
...	1,920,634	88	174	278,504
247,254	322,138	17	76	93,469
...	4,399,710	194	425	549,601
...	606,228	23	54	72,180
...	3,148,684	206	400	415,232
50,024	1,086,132	53	104	139,832
996	2,463,826	99	206	313,748
...	977,662	44	82	107,328
...	...	3	19	29,533
...	485,525	...	...	...
...	97,000	12	22	30,456
...	26,500,512	1,662	3,206	4,627,384
...	594,458	...	...	...
...	8,960,110	598	1,079	1,298,155
4,586	498,225	14	34	35,522
2,265,023	122,244,889	7,489	14,280	18,958,831

Table 8.

ELECTRIC RAILWAY PASSENGER TRAFFIC /
1936 COMPARED WITH 1935

Name of Railway	Passengers Carried	Passengers Carried
	1935	1936
Montreal Tramways	195,890,771	198,626,907
Toronto Transportation Commission	152,297,803	154,064,056
British Columbia	65,854,833	69,475,881
Winnipeg	38,880,815	40,390,213
Ottawa	20,928,638	21,179,180
Hamilton	17,267,897	18,414,846
Quebec Railway, Light and Power Co.	13,982,347	14,530,494
Edmonton Radial	13,151,973	13,904,716
Calgary Municipal	10,079,281	10,192,927
Total	528,334,358	540,779,220
Nova Scotia Light and Power Co., Ltd.	9,519,930	9,253,262
London Street	8,646,232	8,852,399
Sandwich, Windsor and Amherstburg	8,268,341	8,431,055
New Brunswick Power Co.	5,145,023	5,555,583
Regina Municipal	4,767,489	5,199,890
T ownship of York and Town of Weston	4,070,740	4,137,870
Saskatoon Municipal	3,532,348	3,795,742
Niagara, St. Catharines and Toronto	3,046,225	3,198,721
Kitchener Public Utilities - Street Ry. Dept.	2,120,758	2,240,440
Port Arthur Civic	2,149,354	2,156,921
Montreal and Southern Counties	2,085,408	2,103,653
Hull Electric	2,099,983	2,076,748
Brantford Municipal	1,810,891	2,021,093
Total	57,262,722	59,023,377
Other 15 systems	15,131,233	15,088,300
GRAND TOTAL	600,728,313	614,890,897

/ Including passengers carried on buses operated by electric railways.

ELECTRIC RAILWAY PASSENGER TRAFFIC /
1936 COMPARED WITH 1935

Per Cent of Total	Increase in Passengers Carried (Decrease -) 1936 over 1935		Per Cent of Total Increase (Decrease -) 1936
	Number	P. C.	
32.303	2,736,136	1.397	19.319
25.055	1,766,253	1.160	12.471
11.299	3,621,048	5.499	25.568
6.569	1,509,398	3.882	10.658
3.444	250,542	1.197	1.769
2.995	1,146,949	6.642	8.099
2.363	548,147	3.920	3.870
2.261	752,743	5.723	5.315
1.658	113,646	1.128	0.802
87.947	12,444,862	2.355	87.871
1.505	- 266,668	- 2.801	1.883
1.440	206,167	2.384	1.456
1.371	162,714	1.968	1.149
0.903	410,560	7.980	2.899
0.846	432,401	7.070	3.053
0.673	67,130	1.649	0.474
0.617	263,394	7.457	1.860
0.520	152,496	5.006	1.077
0.364	119,682	5.643	0.845
0.351	7,567	0.352	0.053
0.342	18,245	0.875	0.129
0.338	- 23,235	- 1.106	0.164
0.329	210,202	11.608	1.484
9.599	1,760,655	3.075	12.432
2.454	- 42,933	- 0.284	0.303
100.000	14,162,584	2.358	100.000

52-D-21

TRANSP & PUB-UTIL FILE 'E'
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UNIVERSITY OF TORONTO

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CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
TRANSPORTATION BRANCH

PRELIMINARY REPORT
ON
STATISTICS OF ELECTRIC RAILWAYS
IN
CANADA
1937



OTTAWA
1938

Price 15 cents

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

Dominion Statistician, R.H. COATS, LL. D., F.R.S.C., F.S.S. (Hon.)

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

PRELIMINARY REPORT
ON
ELECTRIC RAILWAYS OF CANADA
1937

The low point in passengers carried by electric railways in Canada was reached in 1933 and each succeeding year has shown increases although the loss between 1932 and 1933 has not yet been regained. During 1937 the number of fare passengers carried on electric cars and motor buses operated by electric railway systems increased to 631,894,662 from 614,890,897 in 1936, or by 2.8 per cent. Gross revenues increased from \$41,391,927 to \$42,991,444, or by 3.8 per cent; operating expenses from \$28,807,311 to \$29,545,641, or by 2.6 per cent; and car miles from 119,779,505 miles to 122,750,869 miles, or by 2.5 per cent.

Nine systems, each carrying over ten million passengers annually, accounted for 87.6 per cent of the total traffic. Two of these large systems, Ottawa and Hamilton, showed decreases from 1936 traffic, but the others showed increases up to 4.8 per cent made by the Montreal system. The largest per cent increase was made by the Hull Electric where the number of fare passengers carried increased by 28.3 per cent. The fare in Hull was decreased in November, 1936, from four tickets for 25 cents to a five-cent fare, which was undoubtedly an important factor in this large increase in traffic.

There was a slight increase in the number of employees and salaries and wages increased by \$819,286, or 4.3 per cent.

The number of closed electric cars in service declined from 3,329 in 1936 to 3,303 and the number of motor buses increased from 605 to 653.

For the second successive year no passengers were killed in accidents, but the number of other persons killed in accidents in which vehicles operated by electric railways were involved and in electric railway operations increased from 43 to 45. Of these 22 were pedestrians and 19 were motorists. Of the large systems carrying ten million or more passengers annually, the Ottawa system was the only one having a clean record in this respect. Twenty-one other smaller systems also reported no persons killed in accidents during the year. The number of persons injured increased from 2,434 in 1936 to 2,609 and only seven systems reported no persons killed or injured. The density of traffic, width of streets, gradients, etc., are factors in these accidents and should be given weight when comparing different electric railway systems.

The following tables show the principal data for 1937 and the regular annual report will be completed and issued later.

23/11/38

Table 1.

MILEAGE OPERATED

Year ended December 31	First Main Track	Second Main Track	Total Main Track
	(x)		(x)
1928	1,645.58	565.56	2,211.14
1929	1,629.12	565.27	2,194.39
1930	1,500.52	571.37	2,071.89
1931	1,379.03	572.69	1,951.72
1932	1,306.30	560.02	1,866.32
1933	1,297.63	559.57	1,857.20
1934	1,286.16	557.14	1,843.30
1935	1,268.31	557.83	1,826.14
1936	1,247.09	552.77	1,799.86
1937	1,221.88	548.90	1,770.78

(x) Revised.

Table 2.

CAPITAL

	Stocks	Bonds, etc.	Total
	\$	\$	\$
1928	50,653,071	170,649,165	221,302,236
1929	54,453,321	167,969,494	222,422,815
1930	53,048,929	171,040,610	224,089,539
1931	45,155,649	170,662,447	215,818,096
1932	40,101,930	163,210,624	203,312,554
1933	39,851,230	160,247,640	200,098,870
1934	39,851,230	158,276,141	198,127,371
1935	36,827,740	170,363,299	207,191,039
1936	36,727,740	168,334,613	205,062,353
1937	36,727,740	169,045,068	205,772,809

Table 3.

Year ended December 31	Gross Revenues	Operating Expenses	Net Operating Revenue
	\$	\$	\$
1928	55,632,761	38,782,719	16,850,042
1929	58,268,980	40,085,140	18,183,840
1930	54,719,259	39,125,515	15,593,744
1931	49,088,310	35,367,068	13,721,242
1932	43,339,381	31,516,943	11,822,438
1933	39,383,965	27,917,265	11,466,700
1934	40,048,136	28,036,754	12,011,382
1935	40,442,320	28,009,013	12,433,307
1936	41,391,927	28,807,311	12,584,616
1937	42,991,444	29,545,641	13,445,803

Table 4.

	Passengers Carried	Freight Carried	Passenger Car Miles
	No.	Tons	
1928	808,023,615	3,888,672	128,888,905
1929	833,496,866	3,653,411	134,666,564
1930	792,701,493	2,872,929	136,240,958
1931	720,468,361	1,977,441	131,200,894
1932	642,831,002	1,509,561	123,672,220
1933	585,385,094	1,547,202	117,100,127
1934	595,143,903	1,939,833	117,678,030
1935	600,728,313	2,057,897	118,263,764
1936	614,890,897	2,265,023	119,779,505
1937	631,894,662	2,612,928	122,750,869

Table 5.

	Employees	Salaries and Wages
	No.	\$
1928	18,697	26,494,062
1929	18,801	26,984,061
1930	18,340	26,954,994
1931	17,135	24,647,391
1932	15,961	21,534,419
1933	14,883	18,692,236
1934	14,544	18,546,750
1935	14,381	18,649,517
1936	14,280	18,958,832
1937	14,347	19,778,118

Table 6.

No.	Name of Railway	Total Gross Revenues	Total Operating Expenses	Net Operating Revenues
		\$	\$	\$
1.	Brantford Municipal	114,482	99,115	15,367
2.	British Columbia	5,281,970	4,270,471	1,011,499
3.	Calgary Municipal	655,074	523,505	131,569
4.	Canadian Pacific	452,208	390,372	61,836
5.	Cape Breton Tramways	86,737	81,036	5,701
6.	Cornwall Street Railway, Light & Power Co.	154,961	79,051	75,910
7.	Edmonton Radial	689,394	520,492	168,902
8.	Fort William Street	131,225	137,941	Dr. 6,716
9.	Guelph Radial	63,449	62,392	1,057
10.	Hamilton Street	1,135,885	786,167	367,718
11.	Hull Electric	192,431	142,113	50,318
12.	International Transit Company	47,974	37,170	10,804
13.	Kitchener Public Utilities-Street Ry. Dept.	102,610	71,982	30,628
14.	Lethbridge Municipal	36,427	38,240	Dr. 1,813
15.	Levis Tramways Company	114,739	107,238	7,501
16.	London and Port Stanley	265,921	210,105	55,816
17.	London Street	499,802	427,120	72,682
18.	Montreal Tramways	13,055,920	7,952,633	5,103,287
19.	Montreal and Southern Counties	286,347	347,258	Dr. 60,911
20.	Nelson Municipal	16,586	28,831	Dr. 12,245
21.	New Brunswick Power Company	297,623	284,017	13,606
22.	Niagara, St. Catharines and Toronto	656,670	592,431	64,239
23.	North Yonge Railways	70,297	68,805	1,492
24.	Nova Scotia Light and Power Co., Ltd.	543,364	406,696	136,668
25.	Oshawa	319,638	162,696	156,942
26.	Ottawa	1,319,400	810,840	508,560
27.	Port Arthur Civic	144,750	112,879	31,871
28.	Quebec Railway, Light and Power Co.	888,379	840,196	48,183
29.	Regina Municipal	292,916	228,928	63,988
30.	Sandwich, Windsor and Amherstburg	611,612	550,313	61,299
31.	Saskatoon Municipal	224,351	167,338	57,013
32.	Shawinigan Falls Terminal	98,831	71,310	27,521
33.	Suburban Rapid Transit Company	120,704	90,556	30,148
34.	Sudbury, Copper Cliff Suburban	82,267	65,345	16,922
35.	Toronto Transportation Commission	10,672,750	6,261,209	4,411,541
36.	Township of York and Town of Weston	212,348	152,477	59,871
37.	Winnipeg	2,934,832	2,286,349	648,483
38.	Winnipeg, Selkirk and Lake Winnipeg	116,570	98,024	18,546
TOTAL		42,991,444	29,545,641	13,445,803

Total Income	Taxes	Interest on Funded & Unfunded Debt	Total Deductions from Income	Net Income	Reserve and Special Charges	Dividends
\$	\$	\$	\$	\$	\$	\$
15,419	932	20,806	21,738	Dr. 6,319	24,064	...
3,943,760	x 890,689	x 574,711	x 1,538,336	x 2,405,424	x 959,363	x 1,608,540
135,392	...	132,745	132,745	2,647	51,460	...
65,733	15,147	...	15,147	50,586	..	...
6,218	1,596	...	2,174	4,044	4,000	...
75,910	8,637	9,100	18,155	57,755	31,625	12,000
169,982	52,842	46,318	99,160	70,822	101,349	...
Dr. 6,716	203	41,330	41,616	Dr. 48,332	18,161	...
4,396	246	16,647	19,136	Dr. 14,740	18,587	...
367,718	70,201	123,819	194,020	173,698	150,000	...
50,990	8,803	...	8,803	42,187	41,703	...
62,192	11,292	...	11,292	50,900	10,000	42,000
30,841	407	5,824	6,231	24,610	19,846	...
Dr. 1,813	...	21,245	21,245	Dr. 23,058	8,801	...
8,123	3,645	...	3,645	4,478	4,862	...
154,913	8,951	99,097	134,020	20,893	...	...
74,093	7,462	20,598	28,060	46,033	65,500	...
5,126,701	620,306	2,422,409	3,724,146	1,402,555	805,001	630,000
Dr. 58,993	15,096	108,532	137,624	Dr. 196,617	...	...
Dr. 12,245	...	...	...	Dr. 12,245	...	...
167,641	15,112	x 223,245	238,357	xDr. 70,716	x 6,063	...
66,001	39,026	20,637	62,586	3,415	...	...
1,492	93	...	93	1,399	...	...
846,317	29,735	x 282,545	338,982	x 507,335	x 230,000	x 288,115
161,284	9,458	52,708	62,167	99,117	...	...
510,828	95,238	114,411	215,449	295,379	160,081	112,632
31,871	111	20,631	20,742	11,129	9,538	...
48,183	45,655	...	45,655	2,528	819	...
63,988	...	99,440	99,440	Dr. 35,452	53,824	...
161,956	2,400	333,978	337,194	Dr. 175,238	136,415	...
57,439	8,703	65,196	73,899	Dr. 16,460	46,430	...
27,521	6,187	3,373	9,560	17,961	16,429	...
40,450	7,962	x 25,333	33,295	x / 7,155	x / 29,493	...
17,031	889	5,770	6,659	10,372	12,983	...
4,639,469	249,320	1,423,048	1,689,914	2,949,555	2,913,672	...
59,871	...	42,149	42,149	17,722	106,075	...
2,375,151	x 232,785	x 1,644,633	2,033,559	x 341,598	310,223	...
51,656	9,624	x 20,015	29,736	x / 21,920	x / 34,809	...
19,540,763	2,468,753	8,020,293	11,496,729	/ 8,079,261	6,381,176	2,693,287

Includes electric light and all other departments of the railway.

Debenture interest paid by the City of London.

Included in Winnipeg Electric net income. Adjustment made in total for all railways.

Table 7.

No. Name of Railway	Total Miles of Track	Fare Passengers Carried
1. Brantford Municipal	17.81	2,322,882
2. British Columbia	289.38	71,405,282
3. Calgary Municipal	77.02	10,473,024
4. Canadian Pacific	75.30	777,184
5. Cape Breton Tramways	21.30	1,063,729
6. Cornwall Street Railway, Light and Power Co.	5.50	1,574,663
7. Edmonton Radial	52.50	14,024,017
8. Fort William Street	25.49	2,100,631
9. Guelph Radial (1)	..	935,724
10. Hamilton Street	40.17	16,950,449
11. Hull Electric	26.73	2,664,315
12. International Transit Company	6.14	949,364
13. Kitchener Public Utilities- Street Ry. Dept.	9.41	2,344,835
14. Lethbridge Municipal	11.25	696,822
15. Levis Tramways Company	11.50	1,858,869
16. London and Port Stanley	26.70	407,141
17. London Street	9.46	8,951,909
18. Montreal Tramways	272.47	208,208,793
19. Montreal and Southern Counties	54.09	2,249,844
20. Nelson Municipal	3.38	388,976
21. New Brunswick Power Company	23.00	5,991,050
22. Niagara, St. Catharines and Toronto	59.20	3,500,828
23. North Yonge Railways	10.25	838,121
24. Nova Scotia Light and Power Co., Ltd.	24.91	9,266,951
25. Oshawa	9.06	651,129
26. Ottawa	51.74	21,122,783
27. Port Arthur Civic	19.53	2,317,422
28. Quebec Railway, Light and Power Company	38.14	14,947,587
29. Regina Municipal	28.62	5,449,710
30. Sandwich, Windsor and Amherstburg	61.02	9,161,756
31. Saskatoon Municipal	23.35	3,665,629
32. Shawinigan Falls Terminal	3.39	...
33. Suburban Rapid Transit Company	9.53	2,070,022
34. Sudbury, Copper Cliff Suburban	7.90	1,063,975
35. Toronto Transportation Commission	214.93	154,851,715
36. Township of York and Town of Weston	14.06	4,271,016
37. Winnipeg	96.89	41,579,017
38. Winnipeg, Selkirk and Lake Winnipeg	39.66	797,498
TOTAL	1,770.78	631,894,662

(1) Ceased operation September 30, 1937.

Tons of Freight Carried	Total Car & Bus Miles	Conductors, Motormen, Con- ductor-motormen & Bus Operators	Total Employees	Total Salaries and Wages
				\$
...	665,468	28	53	61,103
324,127	17,100,769	1,253	2,060	3,180,616
...	2,489,975	128	211	312,294
389,497	1,116,159	37	223	276,598
...	290,704	10	41	48,119
461,016	414,135	22	46	64,382
...	2,509,099	141	275	376,165
...	664,700	32	76	83,058
49,416	346,324	..	..	31,777
25,097	4,110,438	204	347	436,700
1,410	659,538	35	85	80,268
150	214,342	9	18	25,596
...	310,995	19	35	50,027
...	217,514	8	17	26,116
10,518	543,215	29	68	70,167
217,866	610,078	22	83	110,239
...	2,485,130	100	191	237,527
14,731	32,643,922	2,256	4,000	5,333,747
30,551	875,936	55	178	202,906
...	34,798	8	17	18,613
...	1,484,953	63	126	138,237
727,242	2,302,347	88	292	361,637
...	254,769	..	..	...
...	1,923,686	87	173	288,099
300,817	338,775	19	94	110,501
...	4,353,190	190	427	545,704
...	609,577	24	57	74,740
...	3,111,286	202	389	442,041
53,237	1,106,698	53	104	159,734
2,634	2,481,852	92	202	336,782
...	978,837	44	83	109,689
...	...	4	19	32,045
...	496,444	..	..	...
...	98,000	12	23	32,062
...	27,337,454	1,611	3,193	4,697,311
...	593,886	...	...	...
...	9,125,668	609	1,109	1,389,093
4,619	410,161	10	32	34,425
2,612,928	125,310,822	7,504	14,347	19,778,118

Table 8.

ELECTRIC RAILWAY PASSENGER TRAFFIC †
1937 COMPARED WITH 1936

Name of Railway	Passengers Carried	Passengers Carried
	1936	1937
Montreal Tramways	198,626,907	208,208,793
Toronto Transportation Commission	154,064,056	154,851,715
British Columbia	69,475,881	71,405,282
Winnipeg	40,390,213	41,579,017
Ottawa	21,179,180	21,122,783
Hamilton	18,414,846	16,950,449
Quebec Railway Light and Power Company	14,530,494	14,947,587
Edmonton Radial	13,904,716	14,024,017
Calgary Municipal	10,192,927	10,473,024
Total	540,779,220	553,562,667
Nova Scotia Light and Power Co., Ltd.	9,253,262	9,266,951
Sandwich, Windsor and Amherstburg	8,431,055	9,161,756
London Street	8,852,399	8,951,909
New Brunswick Power Company	5,555,583	5,991,050
Regina Municipal	5,199,890	5,449,710
Township of York and Town of Weston	4,137,870	4,271,016
Saskatoon Municipal	3,795,742	3,665,629
Niagara, St. Catharines and Toronto	3,198,721	3,500,828
Hull Electric	2,076,748	2,664,315
Kitchener Public Utilities- Street Rly. Dept.	2,240,440	2,344,835
Brantford Municipal	2,021,093	2,322,882
Port Arthur Civic	2,156,921	2,317,422
Montreal and Southern Counties	2,103,653	2,249,844
Fort William Street	1,900,364	2,100,631
Total	60,923,741	64,258,778
Other 14 systems	13,187,936	14,073,217
GRAND TOTAL	614,890,897	631,894,662

† Including passengers carried on motor buses and trackless trolley buses operated by electric railways.

ELECTRIC RAILWAY PASSENGER TRAFFIC /
1937 COMPARED WITH 1936

Per cent of Total	Increase in Passengers Carried (Decrease -) 1937 over 1936		Per cent of Total Increase (Decrease -) 1937
	Number	p.c.	
32.950	9,581,886	4.824	56.352
24.506	787,659	0.511	4.632
11.300	1,929,401	2.777	11.347
6.580	1,188,804	2.943	6.991
3.343	- 56,397	- 0.266	- 0.332
2.682	- 1,464,397	- 7.952	- 8.612
2.366	417,093	2.870	2.453
2.219	119,301	0.858	0.702
1.657	280,097	2.748	1.647
87.603	12,783,447	2.364	75.180
1.466	13,689	0.148	0.081
1.450	730,701	0.867	4.297
1.417	99,510	1.124	0.585
0.948	435,467	7.838	2.561
0.862	249,820	4.804	1.469
0.676	133,146	3.218	0.783
0.580	- 130,113	- 3.428	- 0.765
0.554	302,107	0.944	1.777
0.422	587,567	28.293	3.455
0.371	104,395	4.660	0.614
0.368	301,789	14.932	1.775
0.367	160,501	7.441	0.944
0.356	146,191	6.949	0.860
0.332	200,267	10.538	1.178
10.169	3,335,037	5.474	19.614
2.228	885,281	6.713	5.206
100.000	17,003,765	2.765	100.000

52-D-21

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CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
TRANSPORTATION BRANCH

PRELIMINARY REPORT
ON
STATISTICS OF ELECTRIC RAILWAYS
IN
CANADA
1938



OTTAWA
1939

Price 15 cents

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

Dominion Statistician, R.H. COATS, LL. D., F.R.S.C., F.S.S. (Hon.)

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

PRELIMINARY REPORT

ON

ELECTRIC RAILWAYS OF CANADA

1938

Although the two large electric railway systems in Montreal and Toronto showed slight increases in traffic in 1938 compared with 1937, and the Quebec system showed an increase of 1,151,201 passengers, the total for all systems was 2,115,924 passengers fewer than the 1937 total. The Winnipeg railway showed a reduction of 988,432 passengers, the Hamilton railway a loss of 1,216,394 passengers, the Windsor system a loss of 762,810 passengers and the majority of the other railways recorded losses.

The Montreal system carried almost one-third and the Toronto system a quarter of the total passengers carried by all electric railways, and the nine large systems accounted for 87.7 per cent of the total.

The miles of track operated at the end of the year was reduced to 1,693 compared with 1,771 miles in 1937. The total car and bus miles run increased from 125,310,822 miles in 1937 to 125,423,222 miles. The number of employees was reduced from 14,347, to 14,323 but the total payroll was increased from \$19,778,118 to \$20,100,533.

Gross revenues dropped from \$42,991,444 for 1937 to \$42,537,767 and operating expenses increased from \$29,545,641 to \$29,683,131. The number of electric cars operated, which has been declining each year for some time, dropped from 3,578 for 1937 to 3,565 and the number of buses increased from 653 to 760 and the trackless trolley buses from 7 to 13.

The railways consumed 453,333,867 kilowatt hours during the year for operation of cars.

One passenger was killed in an accident and 1,712 passengers were injured compared with no passengers killed and 1,566 injured in 1937. Also, 17 pedestrians, 15 motorists, 1 employee and 2 occupants of horse-drawn vehicles were killed during the year in accidents in which vehicles of the electric railways were involved. Classified according to vehicles they were charged as follows: 29 to electric cars, 1 to sweepers and work cars, and 6 to motor buses.

Total persons injured amounted to 2,631, including 1,712 passengers, 292 pedestrians, 242 motorists, 71 persons in other vehicles, 101 conductors, 12 motor bus drivers, and 201 other employees.

Table 1.

MILEAGE OPERATED

Year ended December 31	First Main Track	Second Main Track	Total Main Track
1929	1,629.12	565.27	2,194.39
1930	1,500.52	571.37	2,071.89
1931	1,379.03	572.69	1,951.72
1932	1,306.30	560.02	1,866.32
1933	1,297.63	559.57	1,857.20
1934	1,286.16	557.14	1,843.30
1935	1,268.31	557.83	1,826.14
1936	1,247.09	552.77	1,799.86
1937	1,221.88	548.90	1,770.78
1938	1,154.50	538.66	1,693.16

Table 2.

CAPITAL

	Stocks	Bonds, etc.	Total
	\$	\$	\$
1929	54,453,321	167,969,494	222,422,815
1930	53,048,929	171,040,610	224,089,539
1931	45,155,649	170,662,447	215,818,096
1932	40,101,930	163,210,624	203,312,554
1933	39,851,230	160,247,640	200,098,870
1934	39,851,230	158,276,141	198,127,371
1935	36,827,740	170,363,299	207,191,039
1936	36,727,740	168,334,613	205,062,353
1937	36,727,740	169,045,068	205,772,809
1938	36,727,740	167,878,751	204,606,491

Table 3.

Year ended December 31	Gross Revenues	Operating Expenses	Net Operating Revenue
	\$	\$	\$
1929	58,268,980	40,085,140	18,183,840
1930	54,719,259	39,125,515	15,593,744
1931	49,088,310	35,367,068	13,721,242
1932	43,339,381	31,516,943	11,822,438
1933	39,383,965	27,917,265	11,466,700
1934	40,048,136	28,036,754	12,011,382
1935	40,442,520	28,009,013	12,433,507
1936	41,391,927	28,807,311	12,584,616
1937	42,991,444	29,545,641	13,445,803
1938	42,537,767	29,683,131	12,854,636

Table 4.

	Passengers Carried	Freight Carried	Passenger Car Miles
	No.	Tons	
1929	853,496,866	3,653,411	134,666,564
1930	792,701,493	2,872,929	136,240,958
1931	720,468,361	1,977,441	131,200,894
1932	642,831,002	1,509,561	123,672,220
1933	585,385,094	1,547,202	117,100,127
1934	595,143,903	1,939,833	117,678,030
1935	600,728,313	2,057,897	118,263,764
1936	614,890,897	2,265,023	119,779,505
1937	631,894,662	2,612,928	122,750,869
1938	629,778,738	2,151,309	123,201,830

Table 5.

	Employees	Salaries and Wages
	No.	\$
1929	18,801	26,984,061
1930	18,340	26,954,994
1931	17,135	24,647,391
1932	15,961	21,534,419
1933	14,883	18,692,256
1934	14,544	18,546,750
1935	14,381	18,649,517
1936	14,280	18,958,832
1937	14,347	19,778,118
1938	14,323	20,100,533

Table 6.

No.	Name of Railway	Total Gross Revenues	Total Operating Expenses	Net Operating Revenues
		\$	\$	\$
1.	Brantford Municipal	110,926	96,703	14,223
2.	British Columbia	5,169,072	4,281,285	887,787
3.	Calgary Municipal	637,723	527,686	110,037
4.	Canadian Pacific	381,784	403,331	Dr. 21,547
5.	Cape Breton Tramways	77,193	75,854	1,339
6.	Cornwall Street Railway, Light & Power Co.	130,158	80,862	49,296
7.	Edmonton Radial	698,535	527,617	170,918
8.	Fort William Street	131,375	132,489	Dr. 1,114
9.	Guelph Radial	64,930	60,088	4,842
10.	Hamilton Street	1,054,465	745,868	308,597
11.	Hull Electric	195,806	154,703	41,103
12.	International Transit Company	43,821	39,880	3,941
13.	Kitchener Public Utilities-Street Ry. Dept.	102,080	77,890	24,190
14.	Lethbridge Municipal	34,217	38,257	Dr. 4,040
15.	Levis Tramways Company	122,327	108,224	14,103
16.	London and Port Stanley	267,256	205,319	61,937
17.	London Street	494,000	417,619	76,381
18.	Montreal Tramways	13,037,039	7,992,202	5,044,837
19.	Montreal and Southern Counties	278,761	375,572	Dr. 96,811
20.	Nelson Municipal	15,942	25,996	Dr. 10,054
21.	New Brunswick Power Company	303,681	280,861	22,820
22.	Niagara, St. Catharines and Toronto	598,794	604,550	Dr. 5,756
23.	North Yonge Railways	71,890	70,123	1,767
24.	Nova Scotia Light and Power Co. Ltd.,	538,012	409,005	129,007
25.	Oshawa	210,384	155,501	54,883
26.	Ottawa	1,298,280	797,194	501,086
27.	Port Arthur Civic	140,263	115,083	25,180
28.	Quebec Railway, Light and Power Co.	929,370	866,507	62,863
29.	Regina Municipal	296,625	233,268	63,357
30.	Sandwich, Windsor and Amherstburg	580,871	522,325	58,546
31.	Saskatoon Municipal	213,063	163,864	49,199
32.	Shawinigan Falls Terminal	68,759	56,494	12,265
33.	Suburban Rapid Transit Company	121,399	90,949	30,450
34.	Sudbury, Copper Cliff Suburban	78,249	62,366	15,883
35.	Toronto Transportation Commission	10,851,866	6,445,762	4,406,104
36.	Township of York and Town of Weston	212,761	152,426	60,335
37.	Winnipeg	2,874,299	2,209,932	664,367
38.	Winnipeg, Selkirk and Lake Winnipeg	101,791	79,476	22,315
TOTAL		42,537,767	29,683,131	12,854,636

Total Income	Taxes	Interest on Funded & Unfunded Debt	Total Deductions from Income	Net Income	Reserve and Special Charges	Dividends
\$	\$	\$	\$	\$	\$	\$
14,284	1,345	20,225	21,570	Dr. 7,286	24,064	...
4,021,136	x 978,142	x 574,712	1,640,133	x 2,381,003	x 1,006,649	x 1,398,576
113,860	...	124,300	124,300	Dr. 10,440	48,114	...
Dr. 16,351	16,564	...	16,564	Dr. 32,915	...	...
2,044	1,366	...	1,423	621	4,000	...
49,296	4,807	9,100	14,325	34,971	22,793	6,000
170,918	53,243	46,244	99,487	71,431	137,096	...
Dr. 1,114	210	41,330	41,618	Dr. 42,732	17,887	...
8,600	247	16,189	19,087	Dr. 10,487	22,441	...
308,597	67,974	122,969	190,943	117,654	103,532	...
41,988	7,686	...	7,686	34,302	41,702	...
44,036	8,284	...	8,284	35,752	10,025	45,000
24,457	403	4,828	5,231	19,226	15,582	...
Dr. 4,040	...	21,245	21,245	Dr. 25,285	8,801	...
14,730	3,623	...	3,623	11,107	11,048	...
156,911	8,443	94,698	128,353	28,558	...	...
77,296	7,887	19,839	27,726	49,570	67,270	...
5,070,519	612,428	2,430,778	3,743,459	1,327,060	1,122,229	630,000
Dr. 94,995	14,929	109,381	138,307	Dr. 233,302	...	...
Dr. 10,054	...	...	...	Dr. 10,054	...	...
177,509	15,720	x 214,698	230,418	x Dr. 52,909	x 20,783	...
Dr. 14,296	39,648	1,211	43,542	Dr. 57,838	...	...
1,767	91	...	91	1,676	...	...
850,885	31,826	x 296,284	360,380	x 490,505	x 200,000	x 318,507
58,803	8,043	50,020	58,064	739	...	...
501,086	92,414	98,700	200,021	301,065	170,911	42,236
25,180	107	19,299	19,406	5,774	7,064	...
62,863	50,660	...	50,660	12,203	4,509	...
64,376	...	98,780	98,780	Dr. 34,404	53,984	...
81,624	4,652	333,978	345,291	Dr. 263,667	79,177	...
49,199	7,854	64,994	72,848	Dr. 23,649	46,886	...
12,265	1,848	260	2,108	10,157	...	...
47,176	5,235	x 25,315	30,550	x/ 16,626	x/ 35,264	...
15,924	1,078	5,135	6,213	9,711	11,350	...
4,601,304	252,699	1,342,993	1,636,073	2,965,231	2,930,704	...
60,335	...	40,021	40,021	20,314	108,746	...
2,293,393	x 229,879	x 1,545,205	1,922,204	x 371,189	332,154	...
50,642	8,803	x 20,026	28,829	x/ 21,813	x/ 38,611	...
18,932,153	2,538,138	7,792,757	11,398,863	/ 7,568,726	6,703,176	2,440,319

Includes electric light and all other departments of the railway.

Debenture interest paid by the City of London.

Included in Winnipeg Electric net income. Adjustment made in total for all railways.

Table 7.

No.	Name of Railway	Total Miles of Track	Fare Passengers Carried
1.	Brantford Municipal	14.81	2,297,275
2.	British Columbia	284.93	71,161,991
3.	Calgary Municipal	77.02	10,197,519
4.	Canadian Pacific	75.36	747,522
5.	Cape Breton Tramways	21.30	1,030,942
6.	Cornwall Street Railway, Light and Power Co.	5.50	1,403,561
7.	Edmonton Radial	52.50	14,233,543
8.	Fort William Street	25.49	2,118,247
9.	Guelph Radial	4.91	993,123
10.	Hamilton Street	40.17	15,734,055
11.	Hull Electric	26.06	2,787,915
12.	International Transit Company	6.14	865,928
13.	Kitchener Public Utilities - Street Ry. Dept.	9.41	2,292,302
14.	Lethbridge Municipal	11.25	650,723
15.	Levis Tramways Company	11.50	1,996,576
16.	London and Port Stanley	26.70	424,350
17.	London Street	9.46	8,890,368
18.	Montreal Tramways	270.91	208,261,207
19.	Montreal and Southern Counties	54.09	2,393,071
20.	Nelson Municipal	3.38	373,730
21.	New Brunswick Power Company	20.63	6,250,885
22.	Niagara, St. Catharines and Toronto	59.20	3,481,956
23.	North Yonge Railways	10.25	861,951
24.	Nova Scotia Light and Power Co., Ltd.	24.91	9,141,788
25.	Oshawa	9.23	574,085
26.	Ottawa	51.74	20,781,630
27.	Port Arthur Civic	19.53	2,229,989
28.	Quebec Railway, Light and Power Company	33.30	16,098,788
29.	Regina Municipal	28.62	5,494,707
30.	Sandwich, Windsor and Amherstburg	16.13	8,398,946
31.	Saskatoon Municipal	19.08	3,459,150
32.	Shawinigan Falls Terminal	3.39	...
33.	Suburban Rapid Transit Company	9.53	2,085,580
34.	Sudbury, Copper Cliff Suburban	7.90	1,066,530
35.	Toronto Transportation Commission	214.75	155,322,324
36.	Township of York and Town of Weston	14.06	4,287,510
37.	Winnipeg	96.89	40,590,585
38.	Winnipeg, Selkirk and Lake Winnipeg	23.13	798,386
TOTAL		1,693.16	629,778,738

Tons of Freight Carried	Total Car & Bus Miles	Conductors, Motormen, Con- ductor-motormen & Bus Operators	Total Employees	Total Salaries and Wages
...	663,517	30	54	\$
269,313	17,364,890	1,278	2,081	61,990
...	2,458,518	121	204	3,204,707
284,357	1,026,855	37	201	315,760
...	312,287	14	37	266,780
350,038	402,280	25	50	49,377
...	2,528,869	139	266	61,516
...	673,025	33	67	389,698
43,236	385,682	17	21	80,916
22,080	4,023,850	203	339	51,875
1,576	694,873	34	84	428,009
...	213,750	9	18	83,954
...	313,126	20	36	28,304
...	209,961	8	17	51,560
13,185	538,352	28	67	26,443
207,530	603,897	18	77	73,682
...	2,477,691	100	189	106,679
13,606	32,458,728	2,246	3,947	235,060
23,731	862,817	56	175	5,437,518
...	36,315	8	17	216,428
...	1,395,082	64	125	17,544
645,793	2,369,836	90	287	137,129
...	254,472	...	...	381,360
...	1,924,800	89	180	...
212,320	313,192	17	81	290,293
...	4,262,057	192	420	112,598
...	605,494	24	55	532,106
...	3,314,407	188	433	74,863
58,345	1,134,071	59	114	490,709
519	2,496,297	96	194	161,649
...	998,729	42	80	325,081
...	...	4	18	105,885
...	493,144	...	...	34,517
...	98,000	12	22	...
...	27,633,408	1,569	3,227	31,916
...	596,071	...	...	4,824,813
...	8,911,390	604	1,121	...
5,680	373,489	7	19	1,407,669
2,151,309	125,423,222	7,481	14,323	22,545
				20,100,533

Table 8.

ELECTRIC RAILWAY PASSENGER TRAFFIC /
1938 COMPARED WITH 1937

Name of Railway	Passengers Carried 1 9 3 7	Passengers Carried 1 9 3 8
Montreal Tramways	208,208,793	208,261,207
Toronto Transportation Commission	154,851,715	155,322,324
British Columbia	71,405,282	71,161,991
Winnipeg	41,579,017	40,590,585
Ottawa	21,122,783	20,781,630
Quebec Railway Light and Power Co.	14,947,587	16,098,788
Hamilton Street	16,950,449	15,734,055
Edmonton Radial	14,024,017	14,233,543
Calgary Municipal	10,473,024	10,197,519
Total	553,562,667	552,381,642
Nova Scotia Light and Power Co., Ltd.	9,266,951	9,141,788
London Street	8,951,909	8,890,368
Sandwich, Windsor and Amherstburg	9,161,756	8,398,946
New Brunswick Power Co.	5,991,050	6,250,885
Regina Municipal	5,449,710	5,494,707
Township of York and Town of Weston	4,271,016	4,287,510
Niagara, St. Catharines and Toronto	3,500,828	3,481,956
Saskatoon Municipal	3,665,629	3,459,150
Hull Electric	2,664,315	2,787,915
Montreal and Southern Counties	2,249,844	2,393,071
Brantford Municipal	2,322,882	2,297,275
Kitchener Public Utilities - Street Ry. Dept.	2,344,835	2,292,302
Port Arthur Civic	2,317,422	2,229,989
Fort William Street	2,100,631	2,118,247
Suburban Rapid Transit	2,070,022	2,085,580
Total	66,328,800	65,609,689
Other 14 systems	12,003,195	11,787,407
GRAND TOTAL	631,894,662	629,778,738

/ - Including passengers carried on motor buses and trackless trolley buses operated by electric railways.

ELECTRIC RAILWAY PASSENGER TRAFFIC /
1938 COMPARED WITH 1937

Per cent of Total	Increase in Passengers Carried (Decrease -) 1938 over 1937		Per cent of Total Increase (Decrease -) 1938
	Number	p.c.	
33.069	52,414	0.025	2.477
24.663	470,609	0.304	22.241
11.300	- 243,291	- 0.341	- 11.498
6.445	- 988,432	- 2.377	- 46.713
3.300	- 341,153	- 1.615	- 16.123
2.556	1,151,201	7.702	54.406
2.498	- 1,216,394	- 7.176	- 57.487
2.260	209,526	1.494	9.902
1.619	- 275,505	- 2.631	- 13.021
87.710	- 1,181,025	- 0.213	- 55.816
1.452	- 125,163	- 1.351	- 5.915
1.412	- 61,541	- 0.687	- 2.908
1.334	- 762,810	- 8.326	- 36.050
0.992	259,835	4.337	12.279
0.872	44,997	0.825	2.127
0.681	16,494	0.386	0.779
0.553	- 18,872	- 0.539	- 0.892
0.549	- 206,479	- 5.633	- 9.758
0.443	123,600	4.639	5.841
0.380	143,227	6.366	6.769
0.365	- 25,607	- 1.102	- 1.210
0.364	- 52,533	- 2.240	- 2.483
0.354	- 87,433	- 3.773	- 4.132
0.336	17,616	0.839	0.832
0.331	15,558	0.752	0.735
10.418	- 719,111	- 1.084	- 33.986
1.872	- 215,788	- 1.798	- 10.198
100.000	- 2,115,924	- 0.335	- 100.000

52-D-21

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CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
TRANSPORTATION BRANCH

PRELIMINARY REPORT
ON
STATISTICS OF ELECTRIC RAILWAYS
IN
CANADA
1939



OTTAWA
1940

Price 15 cents

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

Dominion Statistician, R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)
Chief, Transportation and Public Utilities Branch, G. S. Wrong, B.Sc.

PRELIMINARY REPORT
ON
ELECTRIC RAILWAYS OF CANADA
1939

Passengers carried by electric railways in Canada during 1939 amounted to 632,533,152. Excluding the 1938 traffic of the Guelph Radial and the Sandwich, Windsor and Amherstburg railways which were not included in the 1939 report, this was an increase of 12,146,483 passengers, or 2 per cent. The Guelph Radial used motor buses exclusively during 1939 and the Sandwich, Windsor and Amherstburg railway switched to buses early in the year. Many of the electric railways also operate motor buses and the statistics of both operations are included in this report. Most of the railways showed improvements over 1938 operations, only 8 of the 36 systems showing reduced traffic. The Montreal system carried almost a third of the total passengers and the Toronto system carried over a quarter of the total. The increase on the Toronto system was 3,655,214 passengers, or 2.3 per cent, which was the largest in numbers, but the Kitchener railway showed a gain of 548,734 passengers, or 19.3 per cent.

The miles of track operated has shown an almost continuous decline since 1925 and in 1939 dropped to 1,592 from 1,693 in 1938.

The decrease in passenger car miles from 123,201,830 in 1938 to 121,528,380 was partially due to the two systems mentioned above switching to exclusively motor bus operation.

There are three systems now using trackless trolley buses which are electric buses equipped with pneumatic tires and operate without tracks. They receive their power through double overhead circuit and two trolley poles. These systems are the Montreal, Winnipeg, and Edmonton systems. Twenty-two of the thirty-six systems operate both electric cars and motor buses and the number of municipalities served by motor buses exclusively is increasing steadily. In the past twenty years 26 electric railway systems have ceased operating as such, not including the Nipissing Central railway which changed to steam operation.

Gross revenues increased to \$42,864,150 compared with \$42,537,767 in 1938. This comparison is also affected by the change in railways included in the reports.

The railways consumed 454,348,434 kilowatt hours during the year for the operation of cars.

During the year 1 passenger, 26 pedestrians, 6 motorists, 1 person in other vehicle and 3 employees were killed. This was a total of 37 persons, compared with 36 in 1938. Persons injured numbered 3,156 including 2,039 passengers, which is the greatest number for both passengers and total since 1932.

Table 1.

MILEAGE OPERATED

Year ended December 31	First Main Track	Second Main Track	Total Main Track
1930	1,500.52	571.37	2,071.89
1931	1,379.03	572.69	1,951.72
1932	1,306.30	560.02	1,866.32
1933	1,297.63	559.57	1,857.20
1934	1,286.16	557.14	1,843.30
1935	1,268.31	557.83	1,826.14
1936	1,247.09	552.77	1,799.86
1937	1,221.88	548.90	1,770.78
1938	1,154.50	538.66	1,693.16
1939	1,083.49	508.56	1,592.05

Table 2.

CAPITAL

	Stocks	Bonds, etc.	Total
	\$	\$	\$
1930	53,048,929	171,040,610	224,089,539
1931	45,155,649	170,662,447	215,818,096
1932	40,101,930	163,210,624	203,312,554
1933	39,851,230	160,247,640	200,098,870
1934	39,851,230	158,276,141	198,127,371
1935	36,827,740	170,363,299	207,191,039
1936	36,727,740	168,334,613	205,062,353
1937	36,727,740	169,045,068	205,772,809
1938	36,727,740	167,878,751	204,606,491
1939	39,668,660	164,912,746	204,581,406

Table 3.

Year ended December 31	Gross Revenues	Operating Expenses	Net Operating Revenue
	\$	\$	\$
1930	54,719,259	39,125,515	15,593,744
1931	49,088,310	35,367,068	13,721,242
1932	43,339,381	31,516,943	11,822,438
1933	39,383,965	27,917,265	11,466,700
1934	40,048,136	28,036,754	12,011,382
1935	40,442,320	28,009,013	12,433,307
1936	41,391,927	28,807,311	12,584,616
1937	42,991,444	29,545,641	13,445,803
1938	42,537,767	29,683,131	12,854,636
1939	42,864,150	29,605,328	13,258,822

Table 4.

	Passengers Carried	Freight Carried	Passenger Car Miles
	No.	Tons	
1930	792,701,493	2,872,929	136,240,958
1931	720,468,361	1,977,441	131,200,894
1932	642,831,002	1,509,561	123,672,220
1933	585,385,094	1,547,202	117,100,127
1934	595,143,903	1,939,833	117,678,030
1935	600,728,313	2,057,897	118,263,764
1936	614,890,897	2,265,023	119,779,505
1937	631,894,662	2,612,928	122,750,869
1938	629,778,738	2,151,309	123,201,830
1939	632,533,152	2,313,748	121,528,380

Table 5.

	Employees	Salaries and Wages
	No.	\$
1930	18,340	26,954,994
1931	17,135	24,647,391
1932	15,961	21,534,419
1933	14,883	18,692,236
1934	14,544	18,546,750
1935	14,381	18,649,517
1936	14,230	18,958,832
1937	14,347	19,778,118
1938	14,323	20,100,533
1939	14,061	19,716,985

Table 6.

No.	Name of Railway	Total Gross Revenues	Total Operating Expenses	Net Operating Revenues
		\$	\$	\$
1.	Brantford Municipal	115,009	105,560	9,449
2.	British Columbia	5,337,255	4,335,362	1,001,893
3.	Calgary Municipal	655,277	521,768	133,509
4.	Canadian Pacific	411,012	418,236	Dr. 7,274
5.	Cape Breton Tramways	105,677	93,738	11,939
6.	Cornwall Street Railway, Light & Power Co.	133,534	79,539	53,995
7.	Edmonton Radial	737,814	556,693	181,121
8.	Fort William Street	124,776	126,588	Dr. 1,812
9.	Hamilton Street	1,047,026	736,267	310,759
10.	Hull Electric	202,006	159,730	42,276
11.	International Transit Company	46,691	39,327	7,364
12.	Kitchener Public Utilities Street Ry. Dept.	129,198	92,950	36,248
13.	Lethbridge Municipal	34,627	51,583	Dr. 16,956
14.	Levis Tramways Company	134,747	116,838	17,909
15.	London and Port Stanley	263,584	210,125	53,459
16.	London Street	496,712	418,013	78,699
17.	Montreal Tramways	13,124,028	8,198,267	4,925,761
18.	Montreal and Southern Counties	284,908	376,387	Dr. 91,479
19.	Nelson Municipal	15,785	27,283	Dr. 11,498
20.	New Brunswick Power Company	302,539	288,630	13,909
21.	Niagara, St. Catharines and Toronto	649,311	626,765	22,546
22.	North Yonge Railways	72,942	72,313	629
23.	Nova Scotia Light and Power Co. Ltd.	581,177	418,900	162,277
24.	Oshawa	236,484	150,916	85,568
25.	Ottawa	1,357,194	797,249	559,945
26.	Port Arthur Civic	132,692	116,164	16,528
27.	Quebec Railway, Light and Power Co.	979,931	935,307	44,624
28.	Regina Municipal	317,695	250,812	66,883
29.	Saskatoon Municipal	238,562	170,574	67,988
30.	Shawinigan Falls Terminal	60,662	60,662	
31.	Suburban Rapid Transit Company	127,186	92,163	35,023
32.	Sudbury, Copper Cliff Suburban	70,808	59,765	11,043
33.	Toronto Transportation Commission	11,072,594	6,448,177	4,624,417
34.	Township of York and Town of Weston	217,993	151,488	66,505
35.	Winnipeg	2,947,118	2,233,879	713,239
36.	Winnipeg, Selkirk and Lake Winnipeg	99,596	67,260	32,336
TOTAL		42,864,150	29,605,328	13,258,822

Total Income	Taxes	Interest on Funded and Unfunded Debt	Total Deductions from Income	Net Income	Reserve and Special Charges	Dividends
\$	\$	\$	\$	\$	\$	\$
9,472	2,097	19,959	22,056	Dr. 12,584	24,064	-
4,404,972	x1,021,808	x 574,712	1,653,404	x2,751,568	x1,172,952	x1,515,272
133,509	-	120,477	120,477	13,032	48,114	-
Dr. 2,294	14,833	-	14,833	Dr. 17,127	-	-
12,621	1,571	1,078	2,649	9,972	10,582	-
53,995	6,216	9,100	15,834	38,161	24,326	6,000
181,121	54,531	48,267	205,783	Dr. 24,662	23,150	-
Dr. 1,812	222	34,905	35,167	Dr. 36,979	13,792	-
310,759	67,476	-	67,476	243,283	50,000	177,228
42,848	9,144	-	9,144	33,704	41,702	-
47,389	8,134	17	8,151	39,238	15,000	30,000
36,632	390	16,782	17,172	19,460	14,784	-
Dr. 16,956	-	21,245	21,245	Dr. 38,201	8,801	-
18,209	4,025	-	4,589	13,620	13,982	-
53,849	8,662	φ 88,663	122,325	Dr. 68,476	-	-
79,449	7,486	19,321	26,807	52,642	69,510	-
5,002,002	720,150	-	xx5,931,162	Dr. 929,160	-	-
Dr. 89,804	14,176	107,388	135,561	Dr. 225,365	-	-
Dr. 11,498	-	-	-	Dr. 11,498	-	-
157,873	15,720	x 37,837	53,557	x 104,316	x 184,861	-
23,650	41,688	-	50,509	Dr. 26,859	-	-
629	90	-	90	539	-	-
1,137,793	37,269	x 311,753	559,625	x 578,168	-	x 346,488
89,647	12,544	53,598	66,143	23,504	-	-
562,766	96,431	94,500	201,026	361,740	235,761	-
16,528	110	17,644	18,155	Dr. 1,627	7,064	-
44,624	61,137	-	61,137	Dr. 16,513	29,396	-
67,507	-	97,716	97,716	Dr. 30,209	53,146	-
67,988	9,460	64,513	73,973	Dr. 5,985	48,910	-
-	1,801	-	1,801	Dr. 1,801	-	-
59,704	5,197	x 25,317	30,514	x / 29,190	x 37,889	-
11,043	547	4,913	5,460	5,583	11,350	-
4,780,941	267,328	1,257,285	1,567,033	3,213,908	3,168,964	-
66,505	-	37,789	37,789	28,716	115,520	-
2,489,651	x 238,873	x1,556,117	1,914,407	x 575,244	357,212	-
61,317	7,077	x 20,011	27,088	x / 34,229	x 39,283	-
19,902,629	2,736,193	4,640,907	13,179,858	/ 6,736,524	5,820,115	2,074,988

x Includes electric light and all other departments of the railway.

φ Debenture interest paid by the City of London.

/ Included in Winnipeg Electric net income. Adjustment made in total for all railways.

xx Under contract with Montreal.

Table 7

No.	Name of Railway	Total Miles of Track	Fare Passengers Carried
1.	Brantford Municipal	14.81	2,408,236
2.	British Columbia	285.40	72,667,204
3.	Calgary Municipal	77.02	10,438,964
4.	Canadian Pacific	74.75	759,792
5.	Cape Breton Tramways	21.30	1,334,913
6.	Cornwall Street Railway, Light and Power Co.	5.50	1,347,735
7.	Edmonton Radial	48.09	15,058,583
8.	Fort William Street	23.00	2,009,928
9.	Hamilton Street	40.17	15,564,824
10.	Hull Electric	26.06	2,901,632
11.	International Transit Company	6.14	925,009
12.	Kitchener Public Utilities - Street Ry. Dept.	9.07	2,841,036
13.	Lethbridge Municipal	11.25	661,609
14.	Levis Tramways Company	11.50	2,173,076
15.	London and Port Stanley	26.70	445,912
16.	London Street	9.46	8,908,552
17.	Montreal Tramways	265.03	208,928,429
18.	Montreal and Southern Counties	54.09	2,369,916
19.	Nelson Municipal	3.38	371,299
20.	New Brunswick Power Company	20.63	6,202,348
21.	Niagara, St. Catharines and Toronto	59.10	3,648,778
22.	North Yonge Railways	10.25	870,976
23.	Nova Scotia Light and Power Co. Ltd.	24.91	9,626,901
24.	Oshawa	9.29	576,652
25.	Ottawa	48.30	21,593,758
26.	Port Arthur Civic	19.53	2,100,940
27.	Quebec Railway, Light and Power Company	21.81	16,979,562
28.	Regina Municipal	28.62	5,924,208
29.	Saskatoon Municipal	19.08	3,864,998
30.	Shawinigan Falls Terminal	3.39	-
31.	Suburban Rapid Transit Company	9.46	2,188,555
32.	Sudbury, Copper Cliff Suburban	7.90	1,025,810
33.	Toronto Transportation Commission	214.71	158,977,538
34.	Township of York and Town of Weston	14.06	4,402,723
35.	Winnipeg	65.70	41,639,539
36.	Winnipeg, Selkirk and Lake Winnipeg	2.59	793,217
TOTAL		1,592.05	632,533,152

Tons of Freight Carried	Total Car & Bus Miles	Conductors, Motormen, Conductor-motormen & Bus Operators	Total Employees	Total Salaries and Wages
				\$
306,931	664,508	28	46	62,167
	17,617,092	1,287	2,056	3,193,457
	2,458,727	128	214	320,265
355,806	1,063,467	37	211	283,521
-	395,820	11	31	53,687
384,954	395,207	23	48	60,597
	2,554,679	143	276	400,266
	660,823	33	67	81,136
21,485	3,960,043	195	331	430,272
1,617	671,695	30	81	82,630
	213,035	9	18	28,598
-	480,619	31	38	57,738
-	221,204	9	16	33,676
16,520	564,251	28	75	84,413
212,770	619,990	19	78	106,799
	2,479,974	100	187	233,861
13,865	32,512,393	2,220	3,936	5,476,856
22,399	886,045	56	186	218,533
	36,315	8	16	17,138
-	1,387,210	64	125	136,958
671,356	2,390,942	91	305	409,816
	255,059			
	1,929,518	92	211	300,355
247,368	312,204	18	81	111,961
	4,166,564	191	412	537,913
	605,422	23	49	73,010
	3,185,171	195	403	493,644
51,567	1,186,808	59	107	172,889
	1,023,046	47	82	106,387
		4	19	35,460
	499,566			
	98,000	10	21	32,284
	28,285,877	1,514	3,172	4,649,975
	596,732			
	9,074,320	637	1,143	1,412,596
7,110	364,132	7	20	18,127
2,313,748	123,816,258	7,347	14,061	19,716,985

Table 8.

ELECTRIC RAILWAY PASSENGER TRAFFIC /

1939 COMPARED WITH 1938

Name of Railway	Passengers Carried	Passengers Carried
	1 9 3 8	1 9 3 9
Montreal Tramways	208,261,207	208,928,429
Toronto Transportation Commission	155,322,324	158,977,538
British Columbia	71,161,991	72,667,204
Winnipeg	40,590,585	41,639,539
Ottawa	20,781,630	21,593,758
Quebec Railway Light and Power Co.	16,098,788	16,979,562
Hamilton Street	15,734,055	15,564,824
Edmonton Radial	14,233,543	15,058,583
Calgary Municipal	10,197,519	10,438,964
Total	552,381,642	561,848,401
Nova Scotia Light and Power Co.	9,141,788	9,626,901
London Street	8,890,368	8,908,552
New Brunswick Power	6,250,885	6,202,348
Regina Municipal	5,494,707	5,924,208
Township of York and Town of Weston	4,287,510	4,402,723
Saskatoon Municipal	3,459,150	3,864,998
Niagara, St. Catharines and Toronto	3,481,956	3,648,778
Hull Electric	2,787,915	2,901,632
Kitchener Public Utilities	2,292,302	2,841,036
Brantford Municipal	2,297,275	2,408,236
Montreal and Southern Counties	2,393,071	2,369,916
Suburban Rapid Transit	2,085,580	2,188,555
Levis Tramways	1,996,576	2,173,076
Port Arthur Civic	2,229,989	2,100,940
Fort William Street	2,118,247	2,009,928
Total	59,207,319	61,571,827
Other 12 systems	8,797,708	9,112,924
Total	620,386,669	632,533,152
2 systems using buses exclusively in 1939	9,392,069	
GRAND TOTAL	629,778,738	

/ Including passengers carried on motor buses and trackless trolley buses operated by electric railways.

ELECTRIC RAILWAY PASSENGER TRAFFIC /

1939 COMPARED WITH 1938

Per cent of Total	Increase in Passengers Carried (Decrease -) 1939 over 1938		Per cent of Total Increase (Decrease -) 1939
	Number	p.c.	
33.030	667,222	0.319	5.493
25.134	3,655,214	2.299	30.093
11.488	1,505,213	2.071	12.392
6.583	1,048,954	2.519	8.636
3.414	812,128	3.761	6.686
2.684	880,774	5.187	7.251
2.461	- 169,231	- 1.087	- 1.393
2.381	825,040	5.479	6.792
1.650	241,445	2.313	1.988
88.825	9,466,759	1.685	77.938
1.522	485,113	5.039	3.994
1.408	18,184	0.204	0.150
0.980	- 48,537	- 0.783	- 0.400
0.937	429,501	7.250	3.536
0.696	115,213	2.617	0.949
0.611	405,848	10.501	3.341
0.577	166,822	4.572	1.373
0.459	113,717	3.919	0.936
0.449	548,734	19.315	4.518
0.381	110,961	4.608	0.914
0.375	- 23,155	- 0.977	- 0.191
0.346	102,975	4.705	0.848
0.343	176,500	8.122	1.453
0.332	- 129,049	- 6.142	- 1.062
0.318	- 108,319	- 5.389	- 0.892
9.734	2,364,508	3.840	19.467
1.441	315,216	3.459	2.595
100.000	12,146,483	1.920	100.000

52-D-21

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CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

TRANSPORTATION BRANCH

PRELIMINARY REPORT

ON

STATISTICS OF ELECTRIC RAILWAYS

IN

CANADA

1940



**OTTAWA
1942**

Price 15 cents

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

Dominion Statistician, R.H. COATS, LL. D., F.R.S.C., F.S.S. (Hon.)

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

PRELIMINARY REPORT

ON

ELECTRIC RAILWAYS OF CANADA

1 9 4 0

The electric railway in Brantford ceased operation February 1 and no statistics of this railway are included in this report. The Oshawa Railway substituted buses for its passenger cars on January 28 but continued to operate its railway for freight business. The London Street Railway ceased operation on November 30 and carried on its business with motor buses. Statistics for the Oshawa and London systems include operations for the year with both street cars and motor buses.

All the railways except the Winnipeg, Selkirk and Lake Winnipeg showed an increase in the number of passengers carried compared with 1939 traffic. The large percentage increases were: Kitchener 32.2 p.c., Nova Scotia Light and Power Company (Halifax) 23.6 p.c., Fort William 20.3 p.c., Levis 20.1 p.c., Ottawa 16.2 p.c. and Hull 16.0 p.c. The 11 large systems carrying over 10,000,000 passengers each showed an increase of 52,887,220 passengers over 1939 traffic or 8.4 p.c. Traffic on the 12 systems carrying between 2 and 10 million passengers increased by 7,303,631 passengers or 15.2 p.c., and on the remaining 11 systems it increased by 1,422,134 passengers or 13.5 p.c., making a total increase for the 34 systems of 61,612,985 passengers or 8.9 p.c.

The decrease in track mileage which has been continuous since 1928 has been due to railways ceasing to operate and others reducing mileage as motor buses were substituted for cars or as traffic declined and service was discontinued. The decrease in total main track in the last ten years has been 536 miles. In some cases these tracks are still in the streets and not used and in others they have been taken up.

The car and bus miles reached a low point in 1933 and have been increasing each year since amounting to 123,254,433 miles in 1940, an increase over 1939 mileage of 3.6 p.c. The number of motor buses in service on these systems increased from 803 in 1939 to 926, the number of passenger cars decreased from 3,460 to 3,358 and trackless trolley cars increased from 28 to 29.

During the year 42 persons were killed in accidents involving street railways. These included only one passenger but 20 pedestrians and 12 motorists were killed. The number of persons injured was 3,475 including 2,263 passengers, 500 pedestrians, 250 motorists, 51 persons riding in other vehicles, 93 conductors and motormen, 14 motor bus operators, 256 other employees and 46 other persons. The extent of the injuries is not recorded but comparisons with 1939 data show an increase in passengers injured of 224, in pedestrians of 111, in conductors and motormen of 14, in other employees of 2 and in other persons of 25, whereas the other categories showed decreases.

The railway in Montreal is operated under a contract between the city and the operator and the statistics are those of the operator except that table 6 shows also the income data of the company. This income includes certain allowances allowed to the company and shown as expenses of the operation, together with taxes, dividends, etc., payable by the company.

Table 1.

MILEAGE OPERATED

Year ended December 31	First Main Track	Second Main Track	Total Main Track
1930	1,500.52	571.37	2,071.89
1931	1,379.03	572.69	1,951.72
1932	1,306.30	560.02	1,866.32
1933	1,297.63	559.57	1,857.20
1934	1,286.16	557.14	1,843.30
1935	1,268.31	557.83	1,826.14
1936	1,247.09	552.77	1,799.86
1937	1,221.88	548.90	1,770.78
1938	1,154.50	538.66	1,693.16
1939	1,083.49	508.56	1,592.05
1940	1,040.04	495.64	1,535.68

Table 2.

CAPITAL

	Stocks	Bonds, etc.	Total
	\$	\$	\$
1930	53,048,929	171,040,610	224,089,539
1931	45,155,649	170,662,447	215,818,096
1932	40,101,930	163,210,624	203,312,554
1933	39,851,230	160,247,640	200,098,870
1934	39,851,230	158,276,141	198,127,371
1935	36,827,740	170,363,299	207,191,039
1936	36,727,740	168,334,613	205,062,353
1937	36,727,740	169,045,068	205,772,809
1938	36,727,740	167,878,751	204,606,491
1939	39,668,660	164,912,746	204,581,406
1940	38,786,423	161,396,724	200,183,147

Table 3.

Year ended December 31	Gross Revenues	Operating Expenses	Net Operating Revenue
	\$	\$	\$
1930	54,719,259	39,125,515	15,593,744
1931	49,088,310	35,367,068	13,721,242
1932	43,339,381	31,516,943	11,822,438
1933	39,383,965	27,917,265	11,466,700
1934	40,048,136	28,036,754	12,011,382
1935	40,442,320	28,009,013	12,433,307
1936	41,391,927	28,807,311	12,584,616
1937	42,991,444	29,545,641	13,445,803
1938	42,537,767	29,683,131	12,854,636
1939	42,864,150	29,605,328	13,258,822
1940	47,311,009	32,624,012	14,686,997

Table 4.

	Passengers Carried	Freight Carried	Passenger Car Miles
	No.	Tons	
1930	792,701,493	2,872,929	136,240,958
1931	720,468,361	1,977,441	131,200,894
1932	642,831,002	1,509,561	123,672,220
1933	585,385,094	1,547,202	117,100,127
1934	595,143,903	1,939,833	117,678,030
1935	600,728,313	2,057,897	118,263,764
1936	614,890,897	2,265,023	119,779,505
1937	631,894,662	2,612,928	122,750,869
1938	629,778,738	2,151,309	123,201,830
1939	632,533,152	2,313,748	121,528,380
1940	691,737,901	2,599,007	125,886,523

Table 5.

	Employees	Salaries and Wages
	No.	\$
1930	18,340	26,954,994
1931	17,135	24,647,391
1932	15,961	21,534,419
1933	14,883	18,692,236
1934	14,544	18,546,750
1935	14,381	18,649,517
1936	14,280	18,958,832
1937	14,347	19,778,118
1938	14,323	20,100,533
1939	14,061	19,716,985
1940	14,204	20,649,358

Table 6.

No.	Name of Railway	Total Gross Revenues	Total Operating Expenses	Net Operating Revenues
		\$	\$	\$
1.	British Columbia	5,916,085	4,420,191	1,495,894
2.	Calgary Municipal	717,662	546,347	171,315
3.	Canadian Pacific	466,285	518,877	Dr. 52,592
4.	Cape Breton Tramways Ltd.	123,209	121,705	1,504
5.	Cornwall Street Railway, Light & Power Co.	158,427	114,426	44,001
6.	Edmonton Radial	782,113	605,350	176,763
7.	Fort William Street	156,498	140,102	16,396
8.	Hamilton Street	1,233,869	957,705	276,164
9.	Hull Electric	235,229	205,486	29,743
10.	International Transit Company	55,559	58,077	Dr. 2,518
11.	Kitchener Public Utilities Street-Ry. Dept.	174,500	136,472	38,028
12.	Lethbridge Municipal	37,844	45,149	Dr. 7,305
13.	Levis Tramways Company	170,681	160,202	10,479
14.	London and Port Stanley	291,961	218,227	73,734
15.	London Street	561,554	526,799	34,755
16.	Montreal Tramways	14,125,711	8,608,460	5,517,251
17.	Montreal and Southern Counties	322,449	433,303	Dr. 110,854
18.	Nelson Municipal	16,350	24,960	Dr. 8,610
19.	New Brunswick Power Company	357,349	350,616	6,733
20.	Niagara, St. Catharines and Toronto	782,643	751,823	30,820
21.	North Yonge Railway	80,271	75,824	4,447
22.	Nova Scotia Light and Power Co., Ltd.	802,472	461,196	341,276
23.	Oshawa	431,737	200,622	231,115
24.	Ottawa	1,601,798	1,149,838	451,960
25.	Port Arthur Civic	158,505	123,130	35,375
26.	Quebec Railway, Light and Power Co.	1,069,773	934,998	134,775
27.	Regina Municipal	349,252	270,651	78,601
28.	Saskatoon Municipal	272,089	195,737	76,352
29.	Shawinigan Falls Terminal	81,635	81,635	-
30.	Suburban Rapid Transit	132,321	144,709	Dr. 12,388
31.	Sudbury, Copper Cliff Suburban	76,480	72,954	3,526
32.	Toronto Transportation Commission	12,043,163	6,898,237	5,144,926
33.	Township of York and Town of Weston	248,052	160,685	87,367
34.	Winnipeg	3,182,064	2,812,392	369,672
35.	Winnipeg, Selkirk and Lake Winnipeg	95,419	97,127	Dr. 1,708
TOTAL		47,311,009	32,624,012	14,686,997

Total Income	Taxes	Interest on Funded and Unfunded Debt	Total Deductions from Income	Net Income	Reserves and Special Charges	Dividends
\$	\$	\$	\$	\$	\$	\$
5,287,724	x1,668,086	x 574,712	2,299,491	x 2,988,233	x1,290,000	x1,701,808
171,315	-	110,306	110,306	51,009	49,085	-
Dr. 48,208	13,712	-	13,712	Dr. 61,920	-	-
2,142	1,451	1,587	3,038	Dr. 896	-	-
44,001	12,943	9,100	22,570	21,431	-	9,000
176,763	56,063	46,380	212,443	Dr. 35,680	23,231	-
16,396	1,511	27,998	30,488	Dr. 14,092	10,855	-
276,164	75,309	-	75,309	200,855	-	177,228
30,530	8,937	28,710	37,647	Dr. 7,117	-	-
11,003	6,203	-	6,203	4,800	-	13,500
38,235	388	16,746	17,134	21,101	10,085	-
Dr. 7,305	-	21,245	21,245	Dr. 28,550	8,801	-
10,779	4,386	-	9,261	1,518	-	-
74,051	8,219	82,169	115,389	Dr. 41,337	-	-
55,849	7,497	20,017	27,514	8,335	-	-
5,597,337	801,509	-	xx6,063,999	Dr. 466,632	-	-
Dr. 109,043	14,368	109,510	137,875	Dr. 246,918	-	-
Dr. 8,610	-	-	-	Dr. 8,610	-	-
168,850	16,200	x 184,542	200,742	x Dr. 31,892	-	-
32,098	45,102	-	69,932	Dr. 37,834	-	-
4,447	99	-	99	4,348	-	-
1,428,702	100,101	x 312,540	695,011	x 733,691	x 350,000	x 352,938
240,449	11,147	46,036	57,184	183,265	-	-
459,137	254,115	90,300	354,977	104,160	-	52,796
35,375	112	14,795	15,348	20,027	6,362	-
134,775	68,554	-	68,554	66,221	-	-
78,601	-	97,312	97,312	Dr. 18,711	43,491	-
76,562	10,721	64,208	74,929	1,633	37,288	-
-	-	-	-	-	-	-
25,080	5,109	x 25,315	30,424	x/ Dr. 5,344	-	-
3,526	731	4,433	5,164	Dr. 1,638	-	-
5,312,648	276,309	1,163,107	1,487,297	3,825,351	3,729,218	-
87,367	-	47,019	47,019	40,348	18,543	-
2,008,243	x 244,578	x1,518,301	1,884,347	x 123,896	-	-
14,908	5,488	x 20,000	25,488	x/ Dr. 10,580	-	-
21,709,891	3,718,928	4,636,388	14,317,450	/ 7,551,256	5,576,959	2,307,270

x Includes electric light and all other departments of the railway.

ø Debenture interest paid by the City of London.

/ Included in Winnipeg Electric net income. Adjustment made in total for all railways.

xx Under contract with Montreal.

Table 7.

No.	Name of Railway	Total Miles of Track	Fare Passengers Carried
1.	British Columbia	285.40	76,411,790
2.	Calgary Municipal	77.02	11,477,520
3.	Canadian Pacific	75.33	840,704
4.	Cape Breton Tramways	21.30	1,550,354
5.	Cornwall Street Railway, Light & Power Co.	5.50	1,549,566
6.	Edmonton Radial	46.58	16,002,073
7.	Fort William Street	23.00	2,520,400
8.	Hamilton Street	40.17	18,277,519
9.	Hull Electric	26.06	3,454,323
10.	International Transit Company	6.14	1,101,111
11.	Kitchener Public Utilities - Street Ry.Dept.	6.82	4,190,098
12.	Lethbridge Municipal	2.80	724,193
13.	Levis Tramways Company	11.50	2,720,980
14.	London and Port Stanley	26.70	605,040
15.	London Street	-	10,072,913
16.	Montreal Tramways	257.64	225,764,051
17.	Montreal and Southern Counties	54.09	2,573,816
18.	Nelson Municipal	3.38	374,430
19.	New Brunswick Power Company	20.63	7,193,992
20.	Niagara, St. Catharines and Toronto	58.05	4,401,975
21.	North Yonge Railway	10.25	968,556
22.	Nova Scotia Light and Power Co., Ltd.	24.91	12,592,990
23.	Oshawa	4.57	963,719
24.	Ottawa	48.30	25,775,238
25.	Port Arthur Civic	19.53	2,541,536
26.	Quebec Railway, Light and Power Co.	20.11	18,654,225
27.	Regina Municipal	28.62	6,611,761
28.	Saskatoon Municipal	19.08	4,429,054
29.	Shawinigan Falls Terminal	3.39	-
30.	Suburban Rapid Transit	5.05	2,286,144
31.	Sudbury, Copper Cliff Suburban	7.90	1,102,039
32.	Toronto Transportation Commission	214.91	173,639,820
33.	Township of York and Town of Weston	14.06	5,007,690
34.	Winnipeg	64.60	44,602,935
35.	Winnipeg, Selkirk and Lake Winnipeg	2.59	755,346
TOTAL		1,535.68	691,737,901

Tons of Freight Carried	Total Car & Bus Miles	Conductors, Motormen, Conductor-motormen & Bus Operators	Total Employees	Total Salaries and Wages
487,173	18,000,209	1,308	2,140	\$ 3,327,251
-	2,533,432	126	210	336,348
388,101	1,133,779	54	212	291,180
-	419,433	13	37	60,553
457,591	404,962	23	48	61,147
-	2,690,720	150	278	423,106
-	692,526	33	70	84,694
32,348	4,006,449	194	333	448,805
1,265	677,074	35	85	84,712
-	215,319	9	18	29,404
-	717,180	39	48	71,662
-	272,849	5	12	18,798
20,900	609,225	40	86	87,989
216,003	756,413	21	79	111,116
-	2,511,945	110	194	249,694
13,428	33,736,147	2,217	3,934	5,882,864
33,897	954,379	56	198	236,023
-	35,822	8	16	17,184
-	1,402,584	64	123	143,096
520,656	2,237,758	98	321	445,923
-	255,387	-	-	-
-	2,044,592	106	202	332,624
395,369	528,414	24	98	133,355
-	4,614,193	209	428	585,784
-	617,927	26	55	77,129
-	3,318,229	189	434	447,877
32,276	1,212,661	59	108	176,411
-	1,049,826	51	87	119,676
-	-	6	23	44,500
-	522,791	-	-	-
-	98,000	12	24	32,106
-	29,313,861	1,471	3,194	4,817,205
-	603,798	-	-	-
-	9,712,106	597	1,094	1,457,288
-	354,443	6	15	13,854
2,599,007	128,254,433	7,359	14,204	20,649,558

Table 8.

ELECTRIC RAILWAY PASSENGER TRAFFIC /

1940 COMPARED WITH 1939

Name of Railway	Passengers Carried 1 9 3 9	Passengers Carried 1 9 4 0
Montreal Tramways	208,928,429	225,764,051
Toronto Transportation Commission	158,977,538	173,639,820
British Columbia	72,667,204	76,411,790
Winnipeg	41,639,539	44,602,935
Ottawa	21,593,758	25,775,238
Quebec Railway, Light and Power Co., Ltd.	16,979,562	18,654,225
Hamilton Street	15,564,824	18,277,519
Edmonton Radial	15,058,583	16,002,073
Nova Scotia Light and Power Co., Ltd.	9,626,901	12,592,990
Calgary Municipal	10,438,964	11,477,520
London Street	8,908,552	10,072,913
Total	580,383,854	633,271,074
New Brunswick Power Company	6,202,348	7,193,992
Regina Municipal	5,924,208	6,611,761
Township of York and Town of Weston	4,402,723	5,007,690
Saskatoon Municipal	3,864,998	4,429,054
Niagara, St. Catharines and Toronto	3,648,778	4,401,975
Kitchener Public Utilities - Street Ry. Dept.	2,841,036	4,190,098
Hull Electric	2,901,632	3,454,323
Levis Tramways Company	2,173,076	2,720,980
Montreal and Southern Counties	2,369,916	2,573,816
Port Arthur Civic	2,100,940	2,541,536
Fort William Street	2,009,928	2,520,400
Suburban Rapid Transit Company	2,188,555	2,286,144
Total	40,628,138	47,931,769
Other 11 systems	9,112,924	10,535,058
Total	630,124,916	691,737,901
1 system using buses exclusively in 1940	2,408,236	
GRAND TOTAL	632,533,152	

/ Including passengers carried on motor buses and trackless trolley cars operated by electric railways.

ELECTRIC RAILWAY PASSENGER TRAFFIC /
1940 COMPARED WITH 1939

Per cent of Total	Increase in Passengers Carried		Per cent of Total Increase 1940
	1940 over 1939		
	Number	P.C.	
32.637	16,835,622	7.457	27.325
25.102	14,662,282	8.444	23.797
11.047	3,744,586	4.901	6.078
6.448	2,963,396	6.644	4.810
3.726	4,181,480	16.223	6.787
2.697	1,674,663	8.977	2.718
2.642	2,712,695	14.842	4.403
2.313	943,490	5.896	1.531
1.821	2,966,089	23.553	4.814
1.659	1,038,556	9.049	1.686
1.456	1,164,361	11.559	1.890
91.548	52,887,220	8.351	85.839
1.040	991,644	13.784	1.609
0.956	687,553	10.399	1.116
0.724	604,967	12.081	0.982
0.640	564,056	12.735	0.915
0.636	753,197	17.110	1.222
0.606	1,349,062	32.196	2.190
0.499	552,691	16.000	0.897
0.393	547,904	20.136	0.889
0.372	203,900	7.922	0.331
0.368	440,596	17.336	0.715
0.364	510,472	20.254	0.829
0.331	97,589	4.269	0.158
6.929	7,303,631	15.238	11.853
1.523	1,422,134	13.499	2.308
100.000	61,612,985	8.907	100.000

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